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MF

Protection of Environment

ORIGINAL

40

PART 52
Revised as of July 1, 1982

002-003-94527-9

COMPLETED

968

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code of federal regulations

Protection of Environment

40

PART 52

Revised as of July 1, 1982

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AS OF JULY 1, 1982

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II

Table of Contents

	Page
Explanation	v
Title 40:	
Chapter I—Environmental Protection Agency—(Continued) (Part 52)	3
Finding Aids:	
Material Approved for Incorporation by Reference	883
Table of CFR Titles and Chapters	887
Alphabetical List of Agencies Appearing in the CFR	901
List of CFR Sections Affected	909

Cite this Code CFR

thus: 40 CFR 52.01

Explanation

The Code of Federal Regulations is a codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the Federal Government. The Code is divided into 50 titles which represent broad areas subject to Federal regulation. Each title is divided into chapters which usually bear the name of the issuing agency. Each chapter is further subdivided into parts covering specific regulatory areas.

ISSUE DATES

Each volume of the Code is revised at least once each calendar year and issued on a quarterly basis approximately as follows:

Title 1 through Title 16	as of January 1
Title 17 through Title 27	as of April 1
Title 28 through Title 41	as of July 1
Title 42 through Title 50	as of October 1

The appropriate revision date is printed on the cover of each volume.

LEGAL STATUS

The contents of the Federal Register are required to be judicially noticed (44 U.S.C. 1507). The Code of Federal Regulations is prima facie evidence of the text of the original documents (44 U.S.C. 1510).

HOW TO USE THE CODE OF FEDERAL REGULATIONS

The Code of Federal Regulations is kept up to date by the individual issues of the Federal Register. These two publications must be used together to determine the latest version of any given rule.

To determine whether a Code volume has been amended since its revision date (in this case, July 1, 1982), consult the "List of CFR Sections Affected (LSA)," which is issued monthly, and the "Cumulative List of Parts Affected," which appears in the Reader Aids section of the daily Federal Register. These two lists will identify the Federal Register page number of the latest amendment of any given rule.

EFFECTIVE AND EXPIRATION DATES

Each volume of the Code contains amendments published in the Federal Register since the last revision of that volume of the Code. Source citations for the regulations are referred to by volume number and page number of the Federal Register and date of publication. Publication dates and effective dates are usually not the same and care must be exercised by the user in determining the actual effective date. In instances where the effective date is beyond the cut-off date for the Code a note has been inserted to reflect the future effective date. In those instances where a regulation published in the Federal Register states a date certain for expiration, an appropriate note will be inserted following the text.

OMB CONTROL NUMBERS

The Paperwork Reduction Act of 1980 (Pub. L. 96-511) requires Federal agencies to take steps to reduce the Federal paperwork burden for individuals, small businesses and State and local governments, as well as to maximize the usefulness of information collection. One specific requirement of the Act is for Federal agencies to display an OMB control number with the information collection request.

Many agencies have begun publishing numerous OMB control numbers as amendments to existing regulations in the CFR. These OMB numbers are placed as close as possible to the applicable recordkeeping or reporting requirements.

OBSOLETE PROVISIONS

Provisions that become obsolete before the revision date stated on the cover of each volume are not carried. Code users may find the text of provisions in effect on a given date in the past by using the appropriate numerical list of sections affected. For the period before January 1, 1973, consult either the List of CFR Sections Affected, 1949-1963, or 1964-1972, published in three separate volumes. For the period beginning January 1, 1973, a "List of CFR Sections Affected" is published at the end of each CFR volume.

INCORPORATION BY REFERENCE

What is incorporation by reference? Incorporation by reference was established by statute and allows Federal agencies to meet the requirement to publish regulations in the Federal Register by referring to materials already published elsewhere. For an incorporation to be valid, the Director of the Federal Register must approve it. The legal effect of incorporation by reference is that the material is treated as if it were published in full in the Federal Register (5 U.S.C. 552(a)). This material, like any other properly issued regulation, has the force of law.

What is a proper incorporation by reference? The Director of the Federal Register will approve an incorporation by reference only when the requirements of 1 CFR Part 51 are met. Some of the elements on which approval is based are:

(a) The incorporation will substantially reduce the volume of material published in the Federal Register.

(b) The matter incorporated is in fact available to the extent necessary to afford fairness and uniformity in the administrative process.

(c) The incorporating document is drafted and submitted for publication in accordance with 1 CFR 51.

Properly approved incorporations by reference in this volume are listed in the Finding Aids at the end of this volume.

What if the material incorporated by reference cannot be found? If you have any problem locating or obtaining a copy of material listed in the Finding Aids of this volume as an approved incorporation by reference, please contact the agency that issued the regulation containing that incorporation. If, after contacting the agency, you find the material is not available, please notify the Director of the Federal Register, National Archives and Records Service, Washington DC 20408, or call (202) 523-4534.

CFR INDEXES AND TABULAR GUIDES

A subject index to the Code of Federal Regulations is contained in a separate volume, revised annually as of January 1, entitled CFR INDEX AND FINDING AIDS. This volume contains the Parallel Table of Statutory Authorities and Agency Rules (Table I), and Acts Requiring Publication in the Federal Register (Table III). A list of CFR Titles, Chapters, and Parts and an alphabetical list of agencies publishing in the CFR are also included in this volume.

An index to the text of Presidential documents appears at the end of each compilation of Title 3, The President.

The Federal Register Index is issued monthly in cumulative form. This index is based on a consolidation of the "Contents" entries in the daily Federal Register.

A List of CFR Sections Affected (LSA) is published monthly, keyed to the revision dates of the 50 CFR titles.

INQUIRIES AND SALES

For a summary, legal interpretation, or other explanation of any regulation in this volume, contact the issuing agency. Inquiries concerning editing procedures and reference assistance with respect to the Code of Federal Regulations may be addressed to the Director, Office of the Federal Register, National Archives and Records Service, General Services Administration, Washington, D.C. 20408 (telephone 202-523-3517). Sales are handled exclusively by the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

JOHN E. BYRNE,
Director,
Office of the Federal Register.

July 1, 1982.

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THIS TITLE

Title 40—PROTECTION OF ENVIRONMENT is composed of nine volumes. The parts in these volumes are arranged in the following order: Parts 0-51, Part 52, Parts 53-80, Parts 81-99, Parts 100-149, Parts 150-189, Parts 190-399, Parts 400-424 and Part 425 to end. The contents of these volumes represent all current regulations codified under this title of the CFR as of July 1, 1982.

Chapter I—Environmental Protection Agency appears in all nine volumes. A Pesticide Tolerance Chemical Index appears in Parts 150-189. Regulations issued by the Council on Environmental Quality appear in the volume containing Part 425 to end.

For this volume, Gertrude E. Belton was Chief Editor, assisted by Donna L. Rickett. The Code of Federal Regulations is published under the direction of Martha B. Girard, assisted by Robert E. Jordan.

New Publication

List of CFR Sections Affected

(1964 through 1972)

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X

Title 40—Protection of Environment

(This book contains Part 52)

	Part
CHAPTER I—Environmental Protection Agency (continued)..	52

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CHAPTER I—ENVIRONMENTAL PROTECTION AGENCY—(CONTINUED)

SUBCHAPTER C—AIR PROGRAMS—(CONTINUED)

Part		*Page*
52	Approval and promulgation of implementation plans	4

Editorial Note: Subchapter C—Air Programs is continued in the volumes containing 40 CFR Parts 53-80 and Parts 81-99.

SUBCHAPTER C—AIR PROGRAMS—(Continued)

PART 52—APPROVAL AND PROMULGATION OF IMPLEMENTATION PLANS

Subpart A—General Provisions

Sec.

52.01 Definitions.
52.02 Introduction.
52.03 Extensions.
52.04 Classification of regions.
52.05 Public availability of emission data.
52.06 Legal authority.
52.07 Control strategies.
52.08 Rules and regulations.
52.09 Compliance schedules.
52.10 Review of new sources and modifications.
52.11 Prevention of air pollution emergency episodes.
52.12 Source surveillance.
52.13 Air quality surveillance; resources; intergovernmental cooperation.
52.14 State ambient air quality standards.
52.15 Public availability of plans.
52.16 Submission to Administrator.
52.17 Severability of provisions.
52.18 Abbreviations.
52.19 Revision of plans by Administrator.
52.20 Attainment dates for national standards.
52.21 Prevention of significant deterioration of air quality.
52.22 Maintenance of national standards.
52.23 Violation and enforcement.
52.24 Statutory restriction on new sources.
52.25 Date for Submission of Set II CTG Regulations.

Subpart B—Alabama

52.50 Identification of plan.
52.51 Classification of regions.
52.52 Extensions.
52.53 Approval status.
52.54 Attainment dates for national standards.
52.55 Compliance schedules.
52.56 [Reserved]
52.57 Control strategy: Sulfur oxides.
52.58 [Reserved]
52.59 Maintenance of national standards.
52.60 Significant deterioration of air quality.

Subpart C—Alaska

52.70 Identification of plan.
52.71 Classification of regions.
52.72 Approval status.
52.73 General requirements.

Sec.

52.74 Legal authority.
52.75 [Reserved]
52.76 Control strategy: Carbon monoxide.
52.77 [Reserved]
52.78 Review of new sources and modifications.
52.79 [Reserved]
52.80 Intergovernmental cooperation.
52.81 Attainment dates for national standards.
52.82 Extensions.
52.83 [Reserved]
52.84 Compliance schedules.
52.85 Traffic flow improvements.
52.86 Management of parking supply.
52.87 Idling limitations.
52.88 Inspection/maintenance program.
52.89 Air bleed to intake manifold retrofit.
52.90 Oxidizing catalyst retrofit.
52.91 Exhaust gas recirculation-air bleed retrofit.
52.92 Central business district access limitation.
52.93 Monitoring transportation trends.
52.94 [Reserved]
52.95 Maintenance of national standards.
52.96 Significant deterioration of air quality.

Subpart D—Arizona

52.120 Identification of plan.
52.121 Classification of regions.
52.122 Extensions.
52.123 Approval status.
52.124 Part D conditional approval.
52.125 Control strategy and regulations: Sulfur oxides.
52.126 Control strategy and regulations: Particulate matter.
52.127—52.128 [Reserved]
52.129 Review of new sources and modifications.
52.130 Source surveillance.
52.131 Attainment dates for national standards.
52.132 [Reserved]
52.133 Rules and regulations.
52.134 Compliance schedules.
52.135 Resources.
52.136 Control strategy: Carbon monoxide.
52.137 Employer carpool incentive program.
52.138 Bus/carpool matching program.
52.139 [Reserved]
52.140 Monitoring transportation trends.
52.141—52.142 [Reserved]
52.143 Maintenance of national standards.
52.144 Significant deterioration of air quality.

Sec.

Subpart E—Arkansas

52.170 Identification of plan.
52.171 Classification of regions.
52.172 Approval status.
52.173 Extensions.
52.174 [Reserved]
52.175 Resources.
52.176 Attainment dates for national standards.
52.177 [Reserved]
52.178 General requirements.
52.179 Legal authority.
52.180 [Reserved]
52.181 Significant deterioration of air quality.
52.182 Maintenance of national standards.

Subpart F—California

52.220 Identification of plan.
52.221 Classifications of regions.
52.222 Extensions.
52.223 Approval status.
52.224 General requirements.
52.225 Legal authority.
52.226 Control strategy and regulations: Particulate matter, San Joaquin Valley and Mountain Counties Intrastate Regions.
52.227 Control strategy and regulations: Particulate matter, Metropolitan Los Angeles Intrastate Region.
52.228 Regulations: Particulate matter, Southeast Desert Intrastate Region.
52.229 Control strategy and regulations: Photochemical oxidants (hydrocarbons), Metropolitan Los Angeles Intrastate Region.
52.230 Control strategy and regulations: Nitrogen dioxide.
52.231 Regulations: Sulfur oxides.
52.232 Part D conditional approval.
52.233 Review of new sources and modifications.
52.234 Source surveillance.
52.235 Resources.
52.236 Rules and regulations.
52.237 Part D disapproval.
52.238 Attainment dates for national standards.
52.239 Alternate compliance plans.
52.240 Compliance schedules.
52.241—52.245 [Reserved]
52.246 Control of dry cleaning solvent vapor losses.
52.247-52.251 [Reserved]
52.252 Control of degreasing operations.
52.253 Metal surface coating thinner and reducer.
52.254 Organic solvent usage.
52.255 Gasoline transfer vapor control.
52.256 Control of evaporative losses from the filling of vehicular tanks.
52.257—52.262 [Reserved]

Sec.
52.263 Priority treatment for buses and carpools—Los Angeles Region.
52.264—52.266 [Reserved]
52.267 Maintenance of national standards.
52.268 [Reserved]
52.269 Control strategy and regulations: Photochemical oxidants (hydrocarbons) and carbon monoxide.
52.270 Significant deterioration of air quality.
52.271 Malfunction regulations.
52.272 Research operations exemptions.
52.273 Open burning.
52.274 California air pollution emergency plan.
52.275 Particulate matter control.
52.276 Sulfur content of fuels.
52.277 Oxides of nitrogen, combustion gas concentration limitations.
52.278 Oxides of nitrogen control.
52.279 [Reserved]
52.280 Fuel burning equipment.

Subpart G—Colorado

52.320 Identification of plan.
52.321 Classification of regions.
52.322 Extensions.
52.323 Approval status.
52.324 Legal authority.
52.325 Attainment dates for national standards.
52.326 Transportation and land use controls.
52.327 Control strategy: Ozone.
52.328 [Reserved]
52.329 Rules and regulations.
52.330 Control strategy: Total suspended particulates.
52.331—52.340 [Reserved]
52.341 Maintenance of national standards.
52.342 [Reserved]
52.343 Significant deterioration of air quality.

Subpart H—Connecticut

52.370 Identification of plan.
52.371 Classification of regions.
52.372 Extensions.
52.373 Approval status.
52.374 Attainment dates for national standards.
52.375—52.378 [Reserved]
52.379 Maintenance of national standards.
52.380 Rules and regulations.
52.381 [Reserved]
52.382 Significant deterioration of air quality.

Subpart I—Delaware

52.420 Identification of plan.
52.421 Classification of regions.
52.422 Approval status.
52.423—52.425 [Reserved]

Sec.

52.426 Review of new sources and modifications.
52.427 Extensions.
52.428 Attainment dates for national standards.
52.429 Compliance schedules.
52.430 [Reserved]
52.431 Maintenance of national standards.
52.432 Significant deterioration of air quality.

Subpart J—District of Columbia

52.470 Identification of plan.
52.471 Classification of regions.
52.472 Approval status.
52.473 Extensions.
52.474—52.478 [Reserved]
52.479 Source surveillance.
52.481 Attainment dates for national standards.
52.482—52.496 [Reserved]
52.497 Maintenance of national standards.
52.498 [Reserved]
52.499 Significant deterioration of air quality.

Subpart K—Florida

52.520 Identification of plan.
52.521 Classification of regions.
52.522 Approval status.
52.523 Attainment dates for national standards.
52.524 Compliance schedules.
52.525 General requirements.
52.526 Legal authority.
52.527 [Reserved]
52.528 Control strategy: Sulfur oxides.
52.529 Maintenance of national standards.
52.530 Significant deterioration of air quality.
52.531 [Reserved]
52.532 Extensions.

Subpart L—Georgia

52.570 Identification of plan.
52.571 Classification of regions.
52.572 Approval status.
52.573 [Reserved]
52.574 Review of new sources and modifications.
52.575 Attainment dates for national standards.
52.576 Compliance schedules.
52.577 Extensions.
52.578 [Reserved]
52.579 Economic feasibility considerations.
52.580 Maintenance of national standards.
52.581 Significant deterioration of air quality.
52.582 [Reserved]
52.583 Additional rules and regulations.

Sec.

Subpart M—Hawaii

52.620 Identification of plan.
52.621 Classification of regions.
52.622 Extensions.
52.623 Approval status.
52.624 General requirements.
52.625 Legal authority.
52.626 Compliance schedules.
52.627 [Reserved]
52.628 Attainment dates for national standards.
52.629 Review of new sources and modifications.
52.630 [Reserved]
52.631 Maintenance of national standards.
52.632 Significant deterioration of air quality.

Subpart N—Idaho

52.670 Identification of plan.
52.671 Classification of regions.
52.672 Extensions.
52.673 Approval status.
52.674 Legal authority.
52.675 Control strategy: Sulfur oxides—Eastern Idaho Intrastate Air Quality Control Region.
52.676 Control strategy: Sulfur oxides—Eastern Washington-Northern Idaho Interstate Region.
52.677 Compliance schedules.
52.678—52.679 [Reserved]
52.680 Attainment dates for national standards.
52.681 [Reserved]
52.682 Maintenance of national standards.
52.683 Significant deterioration of air quality.
52.684 Control Strategy: Carbon Monoxide.
52.685 Indirect source review program.
52.686 Inspection and maintenance program.

Subpart O—Illinois

52.720 Identification of plan.
52.721 Classification of regions.
52.722 Approval status.
52.723 Extensions.
52.724 Control strategy: Sulfur dioxide.
52.725 Control strategy: Particulates.
52.726 Control strategy: Ozone.
52.727 Attainment dates for national standards.
52.728 Control strategy: Nitrogen dioxide.
52.729 Control strategy: Carbon monoxide.
52.730 Compliance schedules.
52.731 Inspection and maintenance of vehicles.
52.732 Traffic flow improvements.
52.733 Restriction of on-street parking.
52.734 Monitoring transportation mode trends.

Sec.
52.735 Maintenance of national standards.
52.736 Review of new sources and modifications.
52.737 [Reserved]
52.738 Significant deterioration of air quality.
52.739 Permit fees.
52.740 Interstate pollution.

Subpart P—Indiana

52.770 Identification of plan.
52.771 Classification of regions.
52.772 Extensions.
52.773 Approval status.
52.774 [Reserved]
52.775 Legal authority.
52.776 Control strategy: Particulate matter.
52.777 Control strategy: Photochemical oxidants (hydrocarbons).
52.778 Compliance schedules.
52.779 [Reserved]
52.780 Review of new sources and modifications.
52.781 Rules and regulations.
52.782 Request for 18-month extension.
52.783 Attainment dates for national standards.
52.784 Transportation and land use controls.
52.785 Control strategy: Carbon monoxide.
52.786 Inspection and Maintenance Program.
52.787 Gasoline transfer vapor control.
52.788—52.791 [Reserved]
52.792 Maintenance of national standards.
52.793 Significant deterioration of air quality.
52.794 Source surveillance.
52.795 Control strategy: Sulfur dioxide.
52.796 Industrial continuous emission monitoring.

Subpart Q—Iowa

52.820 Identification of plan.
52.821 Classification of regions.
52.822 Approval status.
52.823 Legal authority.
52.824 Extension.
52.825 Compliance schedules.
52.826 Conditions of approval.
52.827 Attainment dates for national standards.
52.828 Enforcement.
52.829 Review of new sources and modifications.
52.830—52.831 [Reserved]
52.832 Maintenance of national standards.
52.833 Significant deterioration of air quality.

Subpart R—Kansas

52.870 Identification of plan.
Sec.
52.871 Classification of regions.
52.872 [Reserved]
52.873 Approval status.
52.874 Legal authority.
52.875 General requirements.
52.876 Compliance schedules.
52.877 [Reserved]
52.878 Review of new sources and modifications.
52.879 Attainment dates for national standards.
52.880 Requests for 18-month extensions.
52.881—52.882 [Reserved]
52.883 Maintenance of national standards.
52.884 Significant deterioration of air quality.

Subpart S—Kentucky

52.920 Identification of plan.
52.921 Classification of regions.
52.922 Extensions.
52.923 Approval status.
52.924 Legal authority.
52.925 General requirements.
52.926 Attainment dates for national standards.
52.927 Compliance schedules.
52.928 Control strategy: Sulfur oxides.
52.929 Maintenance of national standards.
52.930 Control strategy: Ozone.
52.931 Significant deterioration of air quality.
52.932 Rules and regulations.
52.933—934 [Reserved]
52.935 Control strategy: Particulate matter.

Subpart T—Louisiana

52.970 Identification of plan.
52.971 Classification of regions.
52.972 Approval status.
52.973—52.975 [Reserved]
52.976 Review of new sources and modification.
52.977 [Reserved]
52.978 Resources.
52.979 Attainment dates for national standards.
52.980 Compliance schedules.
52.981—52.982 [Reserved]
52.983 Legal authority.
52.984—52.985 [Reserved]
52.986 Significant deterioration of air quality.
52.987 Control of hydrocarbon emissions.
52.988 Rules and regulations.

Subpart U—Maine

52.1020 Identification of plan.
52.1021 Classification of regions.
52.1022 Approval status.
52.1023 Compliance schedules.

Sec.
52.1024 Attainment dates for national standards.
52.1025 Control strategy: Particulate matter.
52.1026 Review of new sources and modifications.
52.1027 Rules and regulations.
52.1028 Maintenance of national standards.
52.1029 Significant deterioration of air quality.
52.1030 Control strategy: Sulfur oxides.

Subpart V—Maryland

52.1070 Identification of plan.
52.1071 Classification of regions.
52.1072 Extensions.
52.1073 Approval status.
52.1074 Legal authority.
52.1075 Conditional approvals.
52.1076 [Reserved]
52.1077 Source surveillance.
52.1078 Attainment dates for national standards.
52.1079 [Reserved]
52.1080 Compliance schedules.
52.1081 [Reserved]
52.1082 Rules and regulations.
52.1083—52.1085 [Reserved]
52.1086 Gasoline transfer vapor control.
52.1087 Control of evaporative losses from the filling of vehicular tanks.
52.1088 Control of dry cleaning solvent evaporation.
52.1089—52.1100 [Reserved]
52.1101 Gasoline transfer vapor control.
52.1102 Control of evaporative losses from the filling of vehicular tanks.
52.1103—52.1106 [Reserved]
52.1107 Control of dry cleaning solvent evaporation.
52.1110—52.1112 [Reserved]
52.1113 General requirements.
52.1114 [Reserved]
52.1115 Maintenance of national standards.
52.1116 Significant deterioration of air quality.
52.1117 Control strategy: Sulfur oxides.

Subpart W—Massachusetts

52.1120 Identification of plan.
52.1121 Classification of regions.
52.1122 Extensions.
52.1123 Approval status.
52.1124 Review of new sources and modifications.
52.1125 Compliance schedules.
52.1126 Control strategy: Sulfur oxides.
52.1127 Attainment dates for national standards.
52.1128 Transportation and land use controls.
Sec.
52.1129 Control strategy: Photochemical oxidants (hydrocarbons) and carbon monoxide.
52.1130 Source surveillance.
52.1131 Control strategy: Particulate matter.
52.1132 Public availability of emission data.
52.1133 Legal authority.
52.1134 Regulation limiting on-street parking by commuters.
52.1135 Regulation for parking freeze.
52.1136—52.1137 [Reserved]
52.1138 Regulation for computer carpool matching.
52.1139 Preferential bus/carpool treatment.
52.1140 Regulation for inspection and maintenance.
52.1141—52.1143 [Reserved]
52.1144 Regulation on evaporative emissions from retail gasoline outlets.
52.1145 Regulation on organic solvent use.
52.1146 Regulation on architectural coatings.
52.1147 Federal compliance schedules.
52.1148 Definitions for the purpose of §§ 52.1149 through 52.1155.
52.1149 Regulation limiting on-street parking.
52.1150 [Reserved]
52.1151 Regulation for computer carpool matching.
52.1152 Regulation for traffic flow improvements.
52.1153 Regulation for street closing.
52.1154 Regulation for semiannual inspection and maintenance.
52.1155 Semiannual and quarterly reports.
52.1156 General requirements.
52.1157 Maintenance of national standards.
52.1158—52.1159 [Reserved]
52.1160 Monitoring reports.
52.1161 Incentives for reduction in single-passenger commuter vehicle use.
52.1162 Regulation for bicycle use.
52.1163 Additional control measures for East Boston.
52.1164 Localized high concentrations—carbon monoxide.
52.1165 Significant deterioration of air quality.
52.1166 Rules and regulations.

Subpart X—Michigan

52.1170 Identification of plan.
52.1171 Classification of regions.
52.1172 Approval status.
52.1173 Control strategy: Particulates.
52.1174 Control strategy: Ozone.
52.1175 Compliance schedules.
52.1176 Review of new sources and modifications. [Reserved]

Sec.
52.1177 Attainment dates for national standards.
52.1178 Maintenance of national standards.
52.1179 [Reserved]
52.1180 Significant deterioration of air quality.
52.1181 Interstate pollution.
52.1182 State boards.

Subpart Y—Minnesota

52.1220 Identification of plan.
52.1221 Classification of regions.
52.1222 [Reserved]
52.1223 Approval status.
52.1224 General requirements.
52.1225 Review of new sources and modifications.
52.1226 Attainment dates for national standards.
52.1227 Transportation and land use controls.
52.1228 [Reserved]
52.1229 Maintenance of national standards.
52.1230 Control strategy and rules: Particulates.
52.1231—52.1233 [Reserved]
52.1234 Significant deterioration of air quality.
52.1235 Extensions.

Subpart Z—Mississippi

52.1270 Identification of plan.
52.1271 Classification of regions.
52.1272 Approval status.
52.1273 Attainment dates for national standards.
52.1274 Compliance schedules.
52.1275 Legal authority.
52.1276 Review of new sources and modifications.
52.1277 General requirements.
52.1278 [Reserved]
52.1279 Maintenance of national standards.
52.1280 Significant deterioration of air quality.

Subpart AA—Missouri

52.1320 Identification of plan.
52.1321 Classification of regions.
52.1322 [Reserved]
52.1323 Approval status.
52.1324 General requirements.
52.1325 Legal authority.
52.1326—52.1327 [Reserved]
52.1328 Review of new sources or modifications.
52.1329—52.1330 [Reserved]
52.1331 Extensions.
52.1332 Attainment dates for national standards.
Sec.
52.1333—52.1334 [Reserved]
52.1335 Compliance schedules.
52.1336—52.1337 [Reserved]
52.1338 Maintenance of national standards.

Subpart BB—Montana

52.1370 Identification of plan.
52.1371 Classification of regions.
52.1372 Approval status.
52.1373 Control strategy: Sulfur oxides.
52.1374 Review of new sources and modifications.
52.1375 Attainment dates for national standards.
52.1376 Extensions.
52.1377 [Reserved]
52.1378 General requirements.
52.1379 Legal authority.
52.1380 Control strategy: Total suspended particulates.
52.1381 Maintenance of national standards.
52.1382 Significant deterioration of air quality.
52.1383 Compliance schedules.
52.1384 Control strategy: Carbon monoxide.
52.1385 Source surveillance.
52.1386 Malfunction regulations.

Subpart CC—Nebraska

52.1420 Identification of plan.
52.1421 Classification of regions.
52.1422 Approval status.
52.1423 [Reserved]
52.1424 Legal authority.
52.1425 Compliance Schedules.
52.1426—52.1428 [Reserved]
52.1429 Source surveillance: Rules and regulations.
52.1430 [Reserved]
52.1431 Attainment dates for national standards.
52.1432—52.1434 [Reserved]
52.1435 Maintenance of national standards.
52.1436 Significant deterioration of air quality.

Subpart DD—Nevada

52.1470 Identification of plan.
52.1471 Classification of regions.
52.1472 Approval status.
52.1473 General requirements.
52.1474 Part D conditional approval.
52.1475 Control strategy and regulations: Sulfur oxides.
52.1476 Control strategy: Particulate matter.
52.1477 Nevada air pollution emergency plan.
52.1478 Rules and regulations.

Sec.

52.1479 Source surveillance.
52.1480 Attainment dates for national standards.
52.1481 Extensions.
52.1482 Compliance schedules.
52.1483—52.1484 [Reserved]
52.1485 Significant deterioration of air quality.
52.1486 Control strategy: Hydrocarbons and ozone.
52.1487 Public hearings.

Subpart EE—New Hampshire

52.1520 Identification of plan.
52.1521 Classification of regions.
52.1522 Approval status.
52.1523 Attainment dates for national standards.
52.1524 Compliance schedules.
52.1525 [Reserved]
52.1526 General requirements.
52.1527 Rules and regulations.
52.1528 Maintenance of national standards.
52.1529 Significant deterioration of air quality.
52.1530 Extensions.
52.1531 Control strategy: Sulfur oxides.

Subpart FF—New Jersey

52.1570 Identification of plan.
52.1571 Classification of regions.
52.1572 Extensions.
52.1573 Approval status.
52.1574 General requirements.
52.1575 Legal authority.
52.1576 Control strategy: Nitrogen dioxide.
52.1577 Compliance schedules.
52.1578 Review of new sources and modifications.
52.1579 Intergovernmental cooperation.
52.1580 Attainment dates for national standards.
52.1581 [Reserved]
52.1582 Control strategy and regulations: Ozone (volatile organic substances) and carbon monoxide.
52.1583—52.1600 [Reserved]
52.1601 Control Strategy and Regulations: Sulfur oxides.
52.1602 Maintenance of national standards.
52.1603 Significant deterioration of air quality.
52.1604 Control strategy and regulations: Total suspended particulates.
52.1605 EPA-approved New Jersey regulations.

Subpart GG—New Mexico

52.1620 Identification of plan.
52.1621 Classification of regions.
52.1622 Approval status.

Sec.

52.1623 General requirements.
52.1624 [Reserved]
52.1625 Control Strategy: Particulate matter.
52.1626 Compliance schedules.
52.1627 Control strategy and regulations: Carbon monoxide.
52.1628 Review of new sources and modifications.
52.1629 [Reserved]
52.1630 Attainment dates for national standards.
52.1631 Extensions.
52.1632 Legal authority.
52.1633 [Reserved]
52.1634 Significant deterioration of air quality.
52.1635 Rules and Regulations.

Subpart HH—New York

52.1670 Identification of plans.
52.1671 Classification of regions.
52.1672 Extensions.
52.1673 Approval status.
52.1674 Part D—Conditions on approval.
52.1675 Control strategy and regulations: Sulfur oxides.
52.1676 Control strategy: Nitrogen dioxide.
52.1677 Compliance schedules.
52.1678 Control strategy and regulations: Particulate matter.
52.1679 EPA-approved New York State regulations.
52.1680 Control strategy: Monitoring and reporting.
52.1681 [Reserved]
52.1682 Attainment dates for national standards.
52.1683—52.1687 [Reserved]
52.1688 Maintenance of national standards.
52.1689 Significant deterioration of air quality.

Subpart II—North Carolina

52.1770 Identification of plan.
52.1771 Classification of regions.
52.1772 Approval status.
52.1773 Attainment dates for national standards.
52.1774 Compliance schedules.
52.1775 [Reserved]
52.1776 Extensions.
52.1777 Maintenance of national standards.
52.1778 Significant deterioration of air quality.
52.1779—52.1780 [Reserved]
52.1781 Control strategy: Sulfur oxides and particulate matter.

Subpart JJ—North Dakota

52.1820 Identification of plan.

Sec.
52.1821 Classification of regions.
52.1822 Approval status.
52.1823 Attainment dates for national standards.
52.1824 Review of new sources and modifications.
52.1825—52.1826 [Reserved]
52.1827 Maintenance of national standards.
52.1828 [Reserved]
52.1829 Significant deterioration of air quality.
52.1830 Compliance schedules.

Subpart KK—Ohio

52.1870 Identification of plan.
52.1871 Classification of regions.
52.1872 Extensions.
52.1873 Approval Status.
52.1874 [Reserved]
52.1875 Attainment dates for national standards.
52.1876 [Reserved]
52.1877 Control strategy: Photochemical oxidants (hydrocarbons).
52.1878 Inspection and maintenance program.
52.1879 Review of new sources and modifications.
52.1880 Control strategy: Particulate matter.
52.1881 Control strategy: Sulfur oxides (sulfur dioxide).
52.1882 Compliance schedules.
52.1883 Maintenance of national standards.
52.1884 Significant deterioration of air quality.
52.1885 Control Strategy: Ozone.
52.1886 Ozone Attainment and Reasonable Further Progress Demonstrations.
52.1887 Control Strategy: Carbon Monoxide.

Subpart LL—Oklahoma

52.1920 Identification of plan.
52.1921 Classification of regions.
52.1922 Approval status.
52.1923 [Reserved]
52.1924 [Reserved]
52.1925 Attainment dates for national standards.
52.1926 General requirements.
52.1927 Maintenance of national standards.
52.1928 [Reserved]
52.1929 Significant deterioration of air quality.
52.1930 [Reserved]
52.1931 Petroleum Storage Tank Controls.
52.1932 Control strategy and regulations: Ozone.

Sec.

Subpart MM—Oregon

52.1970 Identification of plan.
52.1971 Classification of regions.
52.1972 Approval status.
52.1973 Attainment dates for national standards.
52.1974 Transportation and land-use controls.
52.1975 Compliance schedules.
52.1976 Control strategy: Particulate matter—Portland interstate air quality control region.
52.1977—52.1980 [Reserved]
52.1981 Extension.
52.1982 Control strategy: Ozone.
52.1983—52.1984 [Reserved]
52.1985 Rules and regulations.
52.1986 Maintenance of national standards.
52.1987 Significant deterioration of air quality.

Subpart NN—Pennsylvania

52.2020 Identification of plan.
52.2021 Classification of regions.
52.2022 Extensions.
52.2023 Approval status.
52.2024 General requirements.
52.2025 Legal authority.
52.2026—52.2029 [Reserved]
52.2030 Source surveillance.
52.2031 Resources.
52.2032 Intergovernmental cooperation.
52.2033 Control strategy: Sulfur oxides.
52.2034 Attainment dates for national standards.
52.2035 [Reserved]
52.2036 Compliance schedules.
52.2037 Control strategy: Carbon monoxide and ozone (hydrocarbons).
52.2038 Inspection and maintenance.
52.2039 Air bleed to intake manifold retrofit.
52.2040 [Reserved]
52.2041 Study and establishment of bikeways.
52.2042 Gasoline transfer vapor control.
52.2043 Computer carpool matching system.
52.2044—52.2048 [Reserved]
52.2049 Specific express busways in Allegheny County.
52.2050 Exclusive bus lanes for Pittsburgh suburbs and outlying areas.
52.2051 Regulation for limitation of public parking.
52.2052 [Reserved]
52.2053 Monitoring transportation mode trends.
52.2054 Control of asphalt paving material.
52.2055 Review of new sources and modifications.

Sec.
52.2056 Maintenance of national standards.
52.2057 [Reserved]
52.2058 Significant deterioration of air quality.
52.2059 Control strategy: Particulate matter.

Subpart OO—Rhode Island

52.2070 Identification of plan.
52.2071 Classification of regions.
52.2072 Approval status.
52.2073 General requirements.
52.2074 Legal authority.
52.2075 Source surveillance.
52.2076 Attainment dates for national standards.
52.2077 Compliance schedules.
52.2078 Enforcement.
52.2079 [Reserved]
52.2080 Revisions.
52.2081 Review of new sources and modifications.
52.2082 Maintenance of national standards.
52.2083 Significant deterioration of air quality.
52.2084 Rules and Regulations.
52.2085 Extensions.

Subpart PP—South Carolina

52.2120 Identification of plan.
52.2121 Classification of regions.
52.2122 Approval status.
52.2123 Compliance schedules.
52.2124 Legal authority.
52.2125 Review of new sources and modifications.
52.2126 [Reserved]
52.2127 Extensions.
52.2128 Attainment dates for national standards.
52.2129 Maintenance of national standards.
52.2130 [Reserved]
52.2131 Significant deterioration of air quality.

Subpart QQ—South Dakota

52.2170 Identification of plan.
52.2171 Classification of regions.
52.2172 Approval status.
52.2173 Legal authority.
52.2174 Attainment dates for national standards.
52.2175 [Reserved]
52.2176 Maintenance of national standards.
52.2177 [Reserved]
52.2178 Significant deterioration of air quality.

Sec.

Subpart RR—Tennessee

52.2220 Identification of plan.
52.2221 Classification of regions.
52.2222 Approval status.
52.2223 Compliance schedules.
52.2224 Legal authority.
52.2225 Control strategy: Carbon monoxide and ozone.
52.2226 Extensions.
52.2227 Prevention of air pollution emergency episodes.
52.2228 Review of new sources and modifications.
52.2229 [Reserved]
52.2230 Attainment dates for national standards.
52.2231 Control strategy: Sulfur oxides and particulate matter.
52.2232 Maintenance of national standards.
52.2233 Significant deterioration of air quality.

Subpart SS—Texas

52.2270 Identification of plan.
52.2271 Classification of regions.
52.2272 Extensions.
52.2273 Approval status.
52.2274 General requirements.
52.2275 Control strategy and regulations: Ozone.
52.2276 Control strategy and regulations: Particulate matter.
52.2277—52.2278 [Reserved]
52.2279 Attainment dates for national standards.
52.2280—52.2281 [Reserved]
52.2282 Public hearings.
52.2283—52.2284 [Reserved]
52.2285 Control of evaporative losses from the filling of gasoline storage vessels in the Houston and San Antonio areas.
52.2286 Control of evaporative losses from the filling of gasoline storage vessels in the Dallas-Fort Worth area.
52.2287—52.2293 [Reserved]
52.2294 Incentive program to reduce vehicle emissions through increased bus and carpool use.
52.2295 [Reserved]
52.2296 Carpool matching and promotion system.
52.2297 Employer mass transit and carpool incentive program.
52.2298 Monitoring transportation mode trends.
52.2299 Review of new sources and modifications.
52.2300—52.2301 [Reserved]
52.2302 Maintenance of national standards.
52.2303 Significant deterioration of air quality.

Sec.

Subpart TT—Utah

52.2320 Identification of plan.
52.2321 Classification of regions.
52.2322 Extensions.
52.2323 Approval status.
52.2324 Control strategy: Particulate matter.
52.2325 Control strategy: Sulfur oxides.
52.2326—52.2328 [Reserved]
52.2329 Resources.
52.2330 Rules and regulations.
52.2331 Attainment dates for national standards.
52.2332 [Reserved]
52.2333 Legal authority.
52.2334 [Reserved]
52.2335 Control strategy: Carbon monoxide.
52.2336 Source surveillance.
52.2337 Inspection and maintenance program.
52.2338 Air bleed to intake manifold retrofit.
52.2339 Regulation for high-altitude efficiency modification.
52.2340 Regulation for provision of a bikeway system in Provo.
52.2341 Regulation for the limitation of on-street parking in Salt Lake City.
52.2342 Regulation for the provision of a pedestrian-oriented mall in Salt Lake City.
52.2343 Monitoring transportation controls.
52.2344 [Reserved]
52.2345 Maintenance of national standards.
52.2346 Significant deterioration of air quality.

Subpart UU—Vermont

52.2370 Identification of plan.
52.2371 Classification of regions.
52.2372 Approval status.
52.2373 Legal authority.
52.2374 General requirements.
52.2375 Attainment dates for national standards.
52.2376 Compliance schedules.
52.2377 Review of new sources and modifications.
52.2378 [Reserved]
52.2379 Maintenance of national standards.
52.2380 Significant deterioration of air quality.
52.2381 [Reserved]
52.2382 Rules and regulations.

Subpart VV—Virginia

52.2420 Identification of plan.
52.2421 Classification of regions.
52.2422 Extensions.

Sec.

52.2423 Approval status.
52.2424 General requirements.
52.2425 Control of asphalt paving material.
52.2426 Hampton Roads Energy Co.
52.2427 Source surveillance.
52.2428 Request for 2-year extensions.
52.2429 Attainment dates for national standards.
52.2430 Legal authority.
52.2431 Control Strategy: Carbon Monoxide and Ozone.
52.2432 [Reserved]
52.2433 Intergovernmental cooperation.
52.2434 [Reserved]
52.2435 Compliance schedules.
52.2436 Rules and regulations.
52.2437 [Reserved]
52.2438 Gasoline transfer vapor control.
52.2439 Control of evaporative losses from the filling of vehicular tanks.
52.2440 Control of dry cleaning solvent evaporation.
52.2441—52.2447 [Reserved]
52.2448 Review of new sources and modifications.
52.2449 Maintenance of national standards.
52.2450 [Reserved]
52.2451 Significant deterioration of air quality.

Subpart WW—Washington

52.2470 Identification plan.
52.2471 Classification of regions.
52.2472 Extensions.
52.2473 Approval status.
52.2474 General requirements.
52.2475 Legal authority.
52.2476 [Reserved]
52.2477 Source surveillance.
52.2478 Attainment dates for national standards.
52.2479 Rules and regulations.
52.2480 [Reserved]
52.2481 Compliance schedules.
52.2482 [Reserved]
52.2483 Resources.
52.2484 [Reserved]
52.2485 Inspection and maintenance program.
52.2486 Management of parking supply.
52.2487—52.2488 [Reserved]
52.2489 Reduction in parking spaces.
52.2490 Air bleed to intake manifold retrofit.
52.2491 Exhaust gas recirculation-air bleed.
52.2492 Computer carpool matching system.
52.2493 Transit improvement measures.
52.2494 Bike lanes and bike racks.
52.2495 [Reserved]
52.2496 Maintenance of national standards.

Sec.

52.2497 Significant deterioration of air quality.

Subpart XX—West Virginia

52.2520 Identification of plan.
52.2521 Classification of regions.
52.2522 Approval status.
52.2523 Attainment dates for national standards.
52.2524 Compliance schedules.
52.2525 Control strategy: Sulfur dioxide.
52.2526 Maintenance of national standards.
52.2527 [Reserved]
52.2528 Significant deterioration of air quality.
52.2529 Review of new sources and modifications.
52.2530 [Reserved]
52.2531 Control strategy: (Hydrocarbons).
52.2532 Control strategy: Particulate matter.

Subpart YY—Wisconsin

52.2570 Identification of plan.
52.2571 Classification of regions.
52.2572 Approval status.
52.2573 General requirements.
52.2574 Legal authority.
52.2575 Control strategy: Sulfur dioxide.
52.2576 [Reserved]
52.2577 Attainment dates for national standards.
52.2578 Compliance schedules.
52.2579 Review of new sources and modifications.
52.2580 Maintenance of national standards.
52.2581 Significant deterioration of air quality.
52.2582 Extensions.
52.2583 Control strategy: Carbon monoxide.

Subpart ZZ—Wyoming

52.2620 Identification of plan.
52.2621 Classification of regions.
52.2622 Approval status.
52.2623 Review of new sources and modifications.
52.2624 [Reserved]
52.2625 Compliance schedules.
52.2626 [Reserved]
52.2627 Attainment dates for national standards.
52.2628—52.2629 [Reserved]
52.2630 Significant deterioration of air quality.
52.2631 Maintenance of national standards.

Sec.

Subpart AAA—Guam

52.2670 Identification of plan.
52.2671 Classification of regions.
52.2672 Approval status.
52.2673 Attainment dates for national standards.
52.2674 Maintenance of national standards.
52.2675 [Reserved]
52.2676 Significant deterioration of air quality.
52.2677 [Reserved]
52.2678 Control strategy and regulations: Particulate matter.
52.2679 Control strategy and regulations: Sulfur dioxide.
52.2680—52.2681 [Reserved]
52.2682 Air quality surveillance.
52.2683 [Reserved]
52.2684 Source surveillance.
52.2685 [Reserved]
52.2686 Upset-breakdown reporting.

Subpart BBB—Puerto Rico

52.2720 Identification of plan.
52.2721 Classification of regions.
52.2722 Approval status.
52.2723 Attainment dates for national standards.
52.2724 Review of new sources and modifications.
52.2725 General requirements.
52.2726 Legal authority.
52.2727 [Reserved]
52.2728 Maintenance of national standards.
52.2729 Significant deterioration of air quality.
52.2730 Compliance schedules.
52.2731 Control strategy and regulations: Sulfur oxides.
52.2732 Control strategy and regulations: General.

Subpart CCC—Virgin Islands

52.2770 Identification of plan.
52.2771 Classification of regions.
52.2772 Approval status.
52.2773 EPA-approved Virgin Islands regulations.
52.2774 [Reserved]
52.2775 Review of new sources and modifications.
52.2776 Attainment dates for national standards.
52.2777 [Reserved]
52.2778 Maintenance of national standards.
52.2779 Significant deterioration of air quality.
52.2780 Control strategy for sulfur oxides.

Sec.

Subpart DDD—American Samoa

52.2820 Identification of plan.
52.2821 Classification of regions.
52.2822 Approval status.
52.2823 Attainment dates for national standards.
52.2824 Review of new sources and modifications.
52.2825 [Reserved]
52.2826 Maintenance of national standards.
52.2827 Significant deterioration of air quality.

Subpart EEE—Approval and Promulgation of Plans

52.2850 Approval and promulgation of implementation plans.

APPENDIX A—INTERPRETIVE RULINGS FOR § 52.22(b)—REGULATION FOR REVIEW OF NEW OR MODIFIED INDIRECT SOURCES
APPENDICES B-C—[RESERVED]
APPENDIX D—DETERMINATION OF SULFUR DIOXIDE EMISSIONS FROM STATIONARY SOURCES BY CONTINUOUS MONITORS
APPENDIX E—PERFORMANCE SPECIFICATIONS AND SPECIFICATION TEST PROCEDURES FOR MONITORING SYSTEMS FOR EFFLUENT STREAM GAS VOLUMETRIC FLOW RATE

AUTHORITY: 40 U.S.C. 1857c-5, 42 U.S.C. 1857c-5 and 6; 1857g(a); 1859(g), unless otherwise noted.

Subpart A—General Provisions

SOURCE: 37 FR 10846, May 31, 1972, unless otherwise noted.

§ 52.01 Definitions.

All terms used in this part but not defined herein shall have the meaning given them in the Clean Air Act and in Parts 51 and 60 of this chapter.

(a) The term "stationary source" means any building, structure, facility, or installation which emits or may emit an air pollutant for which a national standard is in effect.

(b) The term "commenced" means that an owner or operator has undertaken a continuous program of construction or modification.

(c) The term "construction" means fabrication, erection, or installation.

(d) The phrases "modification" or "modified source" mean any physical change in, or change in the method of operation of, a stationary source which increases the emission rate of any pollutant for which a national standard has been promulgated under Part 50 of this chapter or which results in the emission of any such pollutant not previously emitted, except that:

(1) Routine maintenance, repair, and replacement shall not be considered a physical change, and

(2) The following shall not be considered a change in the method of operation:

(i) An increase in the production rate, if such increase does not exceed the operating design capacity of the source;

(ii) An increase in the hours of operation;

(iii) Use of an alternative fuel or raw material, if prior to the effective date of a paragraph in this part which imposes conditions on or limits modifications, the source is designed to accommodate such alternative use.

(e) The term "startup" means the setting in operation of a source for any purpose.

(f) [Reserved]

(g) The term "heat input" means the total gross calorific value (where gross calorific value is measured by ASTM Method D2015-66, D240-64, or D1826-64) of all fuels burned.

(h) The term "total rated capacity" means the sum of the rated capacities of all fuel-burning equipment connected to a common stack. The rated capacity shall be the maximum guaranteed by the equipment manufacturer or the maximum normally achieved during use, whichever is greater.

[37 FR 19807, Sept. 22, 1972, as amended at 38 FR 12698, May 14, 1973; 39 FR 42514, Dec. 5, 1974; 43 FR 26410, June 19, 1978]

§ 52.02 Introduction.

(a) This part sets forth the Administrator's approval and disapproval of State plans and the Administrator's promulgation of such plans or portions thereof. Approval of a plan or any portion thereof is based upon a determination by the Administrator that such plan or portion meets the requirements of section 110 of the Act and the provisions of Part 51 of this chapter.

(b) Any plan or portion thereof promulgated by the Administrator substitutes for a State plan or portion thereof disapproved by the Administrator or not submitted by a State, or supplements a State plan or portion thereof. The promulgated provisions, together with any portions of a State plan approved by the Administrator, constitute the applicable plan for purposes of the Act.

(c) Where nonregulatory provisions of a plan are disapproved, the disapproval is noted in this part and a detailed evaluation is provided to the State, but no substitute provisions are promulgated by the Administrator.

(d) All approved regulatory provisions of each plan are incorporated by reference in this part. Regulatory provisions of a plan approved or promulgated by the Administrator, and all permit conditions or permit denials issued pursuant to approved or promulgated regulations for the review of new or modified stationary or indirect sources, are enforceable by the Administrator and the State, and by local agencies in accordance with their assigned responsibilities under the plan.

(e) Each State's plan is dealt with in a separate subpart, which includes an introductory section identifying the plan by name and the date of its submittal, a section classifying regions, and a section setting forth dates for attainment of the national standards. Additional sections are included as necessary to specifically identify disapproved provisions, to set forth reasons for disapproval, and to set forth provisions of the plan promulgated by the Administrator. Except as otherwise specified, all supplemental information submitted to the Administrator with respect to any plan has been submitted by the Governor of the State.

(f) Revisions to applicable plans will be included in this part when approved or promulgated by the Administrator.

[37 FR 10846, May 31, 1972, as amended at 37 FR 15080, July 27, 1972: 39 FR 33512, Sept. 18, 1974]

§ 52.03 Extensions.

Each subpart includes the Administrator's determination with respect to any request under section 110(b) of the Act for an extension of the deadline for submitting that portion of a plan which implements a secondary standard or any request under section 110(e) of the Act for an extension of the 3-year deadline for attainment of a primary standard.

§ 52.04 Classification of regions.

Each subpart sets forth the priority classification, by pollutant, for each region in the State. Each plan for each region was evaluated according to the requirements of Part 51 of this chapter applicable to regions of that priority.

§ 52.05 Public availability of emission data.

Each subpart sets forth the Administrator's disapproval of plan procedures for making emission data available to the public after correlation with applicable emission limitations, and includes the promulgation of requirements that sources report emission data to the Administrator for correlation and public disclosure.

§ 52.06 Legal authority.

(a) The Administrator's determination of the absence or inadequacy of legal authority required to be included in the plan is set forth in each subpart. This includes the legal authority of local agencies and State governmental agencies other than an air pollution control agency if such other agencies are assigned responsibility for carrying out a plan or portion thereof.

(b) No legal authority as such is promulgated by the Administrator. Where required regulatory provisions are not included in the plan by the State because of inadequate legal authority, substitute provisions are promulgated by the Administrator.

(c) Where a State plan did not clearly set forth a timetable for obtaining legal authority to establish transportation and land-use controls necessary to attain or maintain the national standards, the subpart sets forth a timetable for the acquisition of such authority and the adoption of the necessary control measures. The State's failure to comply with the timetable set forth in the subpart will be grounds for promulgation of the required measures by the Administrator.

§ 52.07 Control strategies.

(a) Each subpart specifies in what respects the control strategies are approved or disapproved. Where emission limitations with a future effective date are employed to carry out a control strategy, approval of the control strategy and the implementing regulations does not supercede the requirements of § 51.15 of this chapter relating to compliance schedules for individual sources or categories of sources. Compliance schedules for individual sources or categories of sources must require such sources to comply with applicable requirements of the plan as expeditiously as practicable, where the requirement is part of a control strategy designed to attain a primary standard, or within a reasonable time, where the requirement is part of a control strategy designed to attain a secondary standard. All sources must be required to comply with applicable requirements of the plan no later than the date specified in this part for attainment of the national standard which the requirement is intended to implement.

(b) A control strategy may be disapproved as inadequate because it is not sufficiently comprehensive, although all regulations provided to carry out the strategy may themselves be approved. In this case, regulations for carrying out necessary additional measures are promulgated in the subpart.

(c) Where a control strategy is adequate to attain and maintain a national standard but one or more of the regulations to carry it out is not adopted or not enforceable by the State, the control strategy is approved and the necessary regulations are promulgated by the Administrator.

(d) Where a control strategy is adequate to attain and maintain air quality better than that provided for by a national standard but one or more of the regulations to carry it out is not adopted or not enforceable by the State, the control strategy is approved and substitute regulations necessary to attain and maintain the national standard are promulgated.

[37 FR 10846, May 31, 1972, as amended at 37 FR 19807, Sept. 22, 1972]

§ 52.08 Rules and regulations.

Each subpart identifies the regulations, including emission limitations, which are disapproved by the Administrator, and includes the regulations which the Administrator promulgates.

§ 52.09 Compliance schedules.

(a) In each subpart, compliance schedules disapproved by the Administrator are identified, and compliance schedules promulgated by the Administrator are set forth.

(b) Individual source compliance schedules submitted with certain plans have not yet been evaluated, and are not approved or disapproved.

(c) The Administrator's approval or promulgation of any compliance schedule shall not affect the responsibility of the owner or operator to comply with any applicable emission limitation on and after the date for final compliance specified in the applicable schedule.

[37 FR 10846, May 31, 1972, as amended at 38 FR 30877, Nov. 8, 1973]

§ 52.10 Review of new sources and modifications.

In any plan where the review procedure for new sources and source modifications does not meet the requirements of § 51.18 of this chapter, provisions are promulgated which enable the Administrator to obtain the necessary information and to prevent construction or modification.

§ 52.11 Prevention of air pollution emergency episodes.

(a) Each subpart identifies portions of the air pollution emergency episode contingency plan which are disapproved, and sets forth the Administrator's promulgation of substitute provisions.

(b) No provisions are promulgated to replace any disapproved air quality monitoring or communications portions of a contingency plan, but detailed critiques of such portions are provided to the State.

(c) Where a State plan does not provide for public announcement regarding air pollution emergency episodes or where the State fails to give any such public announcement, the Administrator will issue a public announcement that an episode stage has been reached. When making such an announcement, the Administrator will be guided by the suggested episode criteria and emission control actions suggested in Appendix L of Part 51 of this chapter or those in the approved plan.

[37 FR 10846, May 31, 1972, as amended at 37 FR 19807, Sept. 22, 1972]

§ 52.12 Source surveillance.

(a) Each subpart identifies the plan provisions for source surveillance which are disapproved, and sets forth the Administrator's promulgation of necessary provisions for requiring resources to maintain records, make reports, and submit information.

(b) No provisions are promulgated for any disapproved State or local agency procedures for testing, inspection, investigation, or detection, but detailed critiques of such portions are provided to the State.

(c) For purpose of Federal enforcement, the following test procedures shall be used:

(1) Sources subject to plan provisions which do not specify a test procedure and sources subject to provisions promulgated by the Administrator will be tested by means of the appropriate procedures and methods prescribed in Part 60 of this chapter; unless otherwise specified in this part.

(2) Sources subject to approved provisions of a plan wherein a test procedure is specified will be tested by the specified procedure.

[37 FR 10846, May 31, 1972, as amended at 40 FR 26032, June 20, 1975]

§ 52.13 Air quality surveillance; resources; intergovernmental cooperation.

Disapproved portions of the plan related to the air quality surveillance system, resources, and intergovernmental cooperation are identified in each subpart, and detailed critiques of such portions are provided to the State. No provisions are promulgated by the Administrator.

§ 52.14 State ambient air quality standards.

Any ambient air quality standard submitted with a plan which is less stringent than a national standard is not considered part of the plan.

§ 52.15 Public availability of plans.

Each State shall make available for public inspection at least one copy of the plan in at least one city in each region to which such plan is applicable. All such copies shall be kept current.

§ 52.16 Submission to Administrator.

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate and addressed to the appropriate Regional Office of the Environmental Protection Agency, to the attention of the Director, Enforcement Division. The Regional Offices are as follows:

Region I (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont), John F. Kennedy Federal Building, Boston, Mass. 02203.

Region II (New York, New Jersey, Puerto Rico, Virgin Islands) Federal Office Building, 26 Federal Plaza (Foley Square), New York, NY 10007.

Region III (Delaware, District of Columbia, Pennsylvania, Maryland, Virginia, West Virginia) Curtis Building, Sixth and Walnut Streets, Philadelphia, PA 19106.

Region IV (Alabama, Florida, Georgia, Mississippi, Kentucky, North Carolina, South Carolina, Tennessee) Suite 300, 1421 Peachtree Street, Atlanta, GA 30309.

Region V (Illinois, Indiana, Minnesota, Ohio, Wisconsin) Federal Building, 230 South Dearborn, Chicago, Illinois 60606.

Region VI (Arkansas, Louisiana, New Mexico, Oklahoma, Texas) 1600 Paterson Street, Dallas, TX 75201.

Region VII (Iowa, Kansas, Missouri, Nebraska) 1735 Baltimore Street, Kansas City, MO 64108.

Region VIII (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming) 916 Lincoln Towers, 1860 Lincoln Street, Denver, CO 80203.

Region IX (Arizona, California, Hawaii, Nevada, Guam, American Samoa) 100 California Street, San Francisco, CA 94111.

Region X (Washington, Oregon, Idaho, Alaska) 1200 Sixth Avenue, Seattle, WA 98101.

[37 FR 19808, Sept. 22, 1972, as amended at 39 FR 37987, Oct. 25, 1974]

§ 52.17 Severability of provisions.

The provisions promulgated in this part and the various applications thereof are distinct and severable. If any provision of this part or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or application of such provision to other persons or circumstances which can be given effect without the invalid provision or application.

[37 FR 19808, Sept. 22, 1972]

§ 52.18 Abbreviations.

Abbreviations used in this part shall be those set forth in Part 60 of this chapter.

[38 FR 12698, May 14, 1973]

§ 52.19 Revision of plans by Administrator.

After notice and opportunity for hearing in each affected State, the Administrator may revise any provision of an applicable plan, including but not limited to provisions specifying compliance schedules, emission limitations, and dates for attainment of national standards; if:

(a) The provision was promulgated by the Administrator, and

(b) The plan, as revised, will be consistent with the act and with the requirements applicable to implementation plans under Part 51 of this chapter.

[38 FR 12698, May 14, 1973]

§ 52.20 Attainment dates for national standards.

Each subpart contains a section which specifies the latest dates by which national standards are to be attained in each region in the State. An attainment date which only refers to a month and a year (such as July 1975) shall be construed to mean the last day of the month in question. However, the specification of attainment dates for national standards does not relieve any State from the provisions of § 51.15 of this chapter which require all sources and categories of sources to comply with applicable requirements of the plan—

(a) As expeditiously as practicable where the requirement is part of a control strategy designed to attain a primary standard, and

(b) Within a reasonable time where the requirement is part of a control strategy designed to attain a secondary standard.

[37 FR 19808, Sept. 22, 1972, as amended at 39 FR 34535, Sept. 26, 1974]

§ 52.21 Prevention of significant deterioration of air quality.

(a) *Plan disapproval.* The provisions of this section are applicable to any State implementation plan which has been disapproved with respect to prevention of significant deterioration of air quality in any portion of any State where the existing air quality is better than the national ambient air quality standards. Specific disapprovals are listed where applicable, in Subparts B through DDD of this part. The provisions of this section have been incorporated by reference into the applicable implementation plans for various States, as provided in Subparts B through DDD of this part. Where this section is so incorporated, the provisions shall also be applicable to all lands owned by the Federal Goverment and Indian Reservations located in such State. No disapproval with respect to a State's failure to prevent significant deterioration of air quality shall invalidate or otherwise affect the obligations of States, emission sources, or other persons with respect to all portions of plans approved or promulgated under this part.

(b) *Definitions.* For the purposes of this section:

(1) (i) "Major stationary source" means:

(*a*) Any of the following stationary sources of air pollutants which emits, or has the potential to emit, 100 tons per year or more of any pollutant subject to regulation under the Act: Fossil fuel-fired steam electric plants of more than 250 million British thermal units per hour heat input, coal cleaning plants (with thermal dryers), kraft pulp mills, portland cement plants, primary zinc smelters, iron and steel mill plants, primary aluminum ore reduction plants, primary copper smelters, municipal incinerators capable of charging more than 250 tons of refuse per day, hydrofluoric, sulfuric, and nitric acid plants, petroleum refineries, lime plants, phosphate rock processing plants, coke oven batteries, sulfur recovery plants, carbon black plants (furnace process), primary lead smelters, fuel conversion plants, sintering plants, secondary metal production plants, chemical process plants, fossil fuel boilers (or combinations thereof) totaling more than 250 million British thermal units per hour heat input, petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels, taconite ore processing plants, glass fiber processing plants, and charcoal production plants;

(*b*) Notwithstanding the stationary source size specified in paragraph (b)(1)(i) of this section, any stationary source which emits, or has the potential to emit, 250 tons per year or more of any air pollutant subject to regulation under the Act; or

(*c*) Any physical change that would occur at a stationary source not otherwise qualifying under paragraph (b)(1) of this section, as a major stationary source, if the changes would constitute a major stationary source by itself.

(ii) A major stationary source that is major for volatile organic compounds shall be considered major for ozone.

(2) (i) "Major modification" means any physical change in or change in the method of operation of a major stationary source that would result in a significant net emissions increase of any pollutant subject to regulation under the Act.

(ii) Any net emissions increase that is significant for volatile organic compounds shall be considered significant for ozone.

(iii) A physical change or change in the method of operation shall not include:

(*a*) Routine maintenance, repair and replacement;

(*b*) Use of an alternative fuel or raw material by reason of an order under sections 2 (a) and (b) of the Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plant pursuant to the Federal Power Act;

(*c*) Use of an alternative fuel by reason of an order or rule under section 125 of the Act;

(*d*) Use of an alternative fuel at a steam generating unit to the extent that the fuel is generated from municipal solid waste;

(*e*) Use of an alternative fuel or raw material by a stationary source which:

(*1*) The source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975 pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.18 or 40 CFR 51.24; or

(*2*) The source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.24;

(*f*) An increase in the hours of operation or in the production rate, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.18 or 40 CFR 51.24.

(*g*) Any change in ownership at a stationary source.

(3) (i) "Net emissions increase" means the amount by which the sum of the following exceeds zero:

(*a*) Any increase in actual emissions from a particular physical change or change in method of operation at a stationary source; and

(*b*) Any other increases and decreases in actual emissions at the source that are contemporaneous with the particular change and are otherwise creditable.

(ii) An increase or decrease in actual emissions is contemporaneous with the increase from the particular change only if it occurs between:

(*a*) The date five years before construction on the particular change commences; and

(*b*) The date that the increase from the particular change occurs.

(iii) An increase or decrease in actual emissions is creditable only if the Administrator has not relied on it in issuing a permit for the source under this section, which permit is in effect when the increase in actual emissions from the particular change occurs.

(iv) An increase or decrease in actual emissions of sulfur dioxide or particulate matter which occurs before the applicable baseline date is creditable only if it is required to be considered in calculating the amount of maximum allowable increases remaining available.

(v) An increase in actual emissions is creditable only to the extent that the new level of actual emissions exceeds the old level.

(vi) A decrease in actual emissions is creditable only to the extent that:

(*a*) The old level of actual emissions or the old level of allowable emissions, whichever is lower, exceeds the new level of actual emissions;

(*b*) It is federally enforceable at and after the time that actual construction on the particular change begins; and

(*c*) It has approximately the same qualitative significance for public health and welfare as that attributed to the increase from the particular change.

(vii) [Reserved]

(viii) An increase that results from a physical change at a source occurs when the emissions unit on which construction occurred becomes operational and begins to emit a particular pollutant. Any replacement unit that requires shakedown becomes operational only after a reasonable shakedown period, not to exceed 180 days.

(4) "Potential to emit" means the maximum capacity of a stationary source to emit a pollutant under its physical and operational design. Any physical or operational limitation on the capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitation or the effect it would have on emissions is federally enforceable. Secondary emissions do not count in determining the potential to emit of a stationary source.

(5) "Stationary source" means any building, structure, facility, or installation which emits or may emit any air pollutant subject to regulation under the Act.

(6) "Building, structure, facility, or installation" means all of the pollutant-emitting activities which belong to the same industrial grouping, are located on one or more contiguous or adjacent properties, and are under the control of the same person (or persons under common control) except the activities of any vessel. Pollutant-emitting activities shall be considered as part of the same industrial grouping if they belong to the same "Major Group" (i.e., which have the same first two digit code) as described in the *Standard Industrial Classification Manual, 1972,* as amended by the 1977 Supplement (U. S. Government Printing Office stock numbers 4101-0066 and 003-005-00176-0, respectively).

(7) "Emissions unit" means any part of a stationary source which emits or would have the potential to emit any pollutant subject to regulation under the Act.

(8) "Construction" means any physical change or change in the method of operation (including fabrication, erection, installation, demolition, or modification of an emissions unit) which would result in a change in actual emissions.

(9) "Commence" as applied to construction of a major stationary source or major modification means that the owner or operator has all necessary preconstruction approvals or permits and either has:

(i) Begun, or caused to begin, a continuous program of actual on-site construction of the source, to be completed within a reasonable time; or

(ii) Entered into binding agreements or contractual obligations, which cannot be cancelled or modified without substantial loss to the owner or operator, to undertake a program of actual construction of the source to be completed within a reasonable time.

(10) "Necessary preconstruction approvals or permits" means those permits or approvals required under federal air quality control laws and regu-

lations and those air quality control laws and regulations which are part of the applicable State Implementation Plan.

(11) "Begin actual contruction" means, in general, initiation of physical on-site construction activities on an emissions unit which are of a permanent nature. Such activities include, but are not limited to, installation of building supports and foundations, laying underground pipework and construction of permanent storage structures. With respect to a change in method of operations, this term refers to those on-site activites other than preparatory activities which mark the initiation of the change.

(12) "Best available control technology" means an emissions limitation (including a visible emission standard) based on the maximum degree of reduction for each pollutant subject to regulation under Act which would be emitted from any proposed major stationary source or major modification which the Administrator, on a case-by-case basis, taking into account energy, environmental, and economic impacts and other costs, determines is achievable for such source or modification through application of production processes or available methods, systems, and techniques, including fuel cleaning or treatment or innovative fuel combustion techniques for control of such pollutant. In no event shall application of best available control technology result in emissions of any pollutant which would exceed the emissions allowed by any applicable standard under 40 CFR Parts 60 and 61. If the Administrator determines that technological or economic limitations on the application of measurement methodology to a particular emissions unit would make the imposition of an emissions standard infeasible, a design, equipment, work practice, operational standard, or combination thereof, may be prescribed instead to satisfy the requirement for the application of best available control technology. Such standard shall, to the degree possible, set forth the emissions reduction achievable by implementation of such design, equipment, work practice or operation, and shall provide for compliance by means which achieve equivalent results.

(13) (i) "Baseline concentration" means that ambient concentration level which exists in the baseline area at the time of the applicable baseline date. A baseline concentration is determined for each pollutant for which a baseline date is established and shall include:

(*a*) The actual emissions representative of sources in existence on the applicable baseline date, except as provided in paragraph (b)(13)(ii) of this section;

(*b*) The allowable emissions of major stationary sources which commenced construction before January 6, 1975, but were not in operation by the applicable baseline date.

(ii) The following will not be included in the baseline concentration and will affect the applicable maximum allowable increase(s):

(*a*) Actual emissions from any major stationary source on which construction commenced after January 6, 1975; and

(*b*) Actual emissions increases and decreases at any stationary source occurring after the baseline date.

(14) (i) "Baseline date" means the earliest date after August 7, 1977, on which the first complete application under 40 CFR 52.21 is submitted by a major stationary source or major modification subject to the requirements of 40 CFR 52.21.

(ii) The baseline date is established for each pollutant for which increments or other equivalent measures have been established if:

(*a*) The area in which the proposed source or modification would construct is designated as attainment or unclassifiable under section 107(d)(i) (D) or (E) of the Act for the pollutant on the date of its complete application under 40 CFR 52.21; and

(*b*) In the case of a major stationary source, the pollutant would be emitted in significant amounts, or, in the case of a major modification, there would be a significant net emissions increase of the pollutant.

(15) (i) "Baseline area" means any intrastate area (and every part thereof) designated as attainment or unclassifiable under section 107(d)(1) (D) or

(E) of the Act in which the major source or major modification establishing the baseline date would construct or would have an air quality impact equal to or greater than 1 $\mu g/m^3$ (annual average) of the pollutant for which the baseline date is established.

(ii) Area redesignations under section 107(d)(1) (D) or (E) of the Act cannot intersect or be smaller than the area of impact of any mjaor stationary source or major modification which:

(*a*) Establishes a baseline date; or

(*b*) Is subject to 40 CFR 52.21 and would be constructed in the same state as the state proposing the redesignation.

(16) "Allowable emissions" means the emissions rate of a stationary source calculated using the maximum rated capacity of the source (unless the source is subject to federally enforceable limits which restrict the operating rate, or hours of operation, or both) and the most stringent of the following:

(i) The applicable standards as set forth in 40 CFR Parts 60 and 61;

(ii) The applicable State Implementation Plan emissions limitation, including those with a future compliance date; or

(iii) The emissions rate specified as a federally enforceable permit condition, including those with a future compliance date.

(17) "Federally enforceable" means all limitations and conditions which are enforceable by the Administrator, including those requirements developed pursuant to 40 CFR Parts 60 and 61, requirements within any applicable State Implementation Plan, and any permit requirements established pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.18 and 40 CFR 51.24.

(18) "Secondary emissions" means emissions which would occur as a result of the construction or operation of a major stationary source or major modification, but do not come from the major stationary source or major modification itself. Secondary emissions include emissions from any offsite support facility which would not be constructed or increase its emissions except as a result of the construction or operation of the major stationary source or major modification. Secondary emissions do not include any emissions which come directly from a mobile source, such as emissions from the tailpipe of a motor vehicle, from a train, or from a vessel.

(i) Emissions from ships or trains coming to or from the new or modified stationary source; and

(ii) Emissions from any offsite support facility which would not otherwise be constructed or increase its emissions as a result of the construction or operation of the major stationary source or major modification.

(19) "Innovative control technology" means any system of air pollution control that has not been adequately demonstrated in practice, but would have a substantial likelihood of achieving greater continuous emissions reduction than any control system in current practice or of achieving at least comparable reductions at lower cost in terms of energy, economics, or nonair quality environmental impacts.

(20) "Fugitive emissions" means those emissions which could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening.

(21) (i) "Actual emissions" means the actual rate of emissions of a pollutant from an emissions unit, as determined in accordance with paragraphs (b)(21) (ii) through (iv) of this section.

(ii) In general, actual emissions as of a particular date shall equal the average rate, in tons per year, at which the unit actually emitted the pollutant during a two-year period which precedes the particular date and which is representative of normal source operation. The Administrator shall allow the use of a different time period upon a determination that it is more representative of normal source operation. Actual emissions shall be calculated using the unit's actual operating hours, production rates, and types of materials processed, stored, or combusted during the selected time period.

(iii) The Administrator may presume that source-specific allowable emissions for the unit are equivalent to the actual emissions of the unit.

(iv) For any emissions unit which has not begun normal operations on the particular date, actual emissions shall equal the potential to emit of the unit on that date.

(22) "Complete" means, in reference to an application for a permit, that the application contains all of the information necessary for processing the application.

(23) (i) "Significant" means, in reference to a net emissions increase or the potential of a source to emit any of the following pollutants, a rate of emissions that would equal or exceed any of the following rates:

Pollutant and Emissions Rate

Carbon monoxide: 100 tons per year (tpy)
Nitrogen oxides: 40 tpy
Sulfur dioxide: 40 tpy
Particulate matter: 25 tpy
Ozone: 40 tpy of volatile organic compounds
Lead: 0.6 tpy
Asbestos: 0.007 tpy
Beryllium: 0.0004 tpy
Mercury: 0.1 tpy
Vinyl chloride: 1 tpy
Fluorides: 3 tpy
Sulfuric acid mist: 7 tpy
Hydrogen sulfide (H_2S): 10 tpy
Total reduced sulfur (including H_2S): 10 tpy
Reduced sulfur compounds (including H_2S): 10 tpy

(ii) "Significant" means, in reference to a net emissions increase or the potential of a source to emit a pollutant subject to regulation under the Act that paragraph (b)(23)(i) of this section, does not list, any emissions rate.

(iii) Notwithstanding paragraph (b)(23)(i) of this section, "significant" means any emissions rate or any net emissions increase associated with a major stationary source or major modification, which would construct within 10 kilometers of a Class I area, and have an impact on such area equal to or greater than $1\ \mu g/m^3$, (24-hour average).

(24) "Federal Land Manager" means, with respect to any lands in the United States, the Secretary of the department with authority over such lands.

(25) "High terrain" means any area having an elevation 900 feet or more above the base of the stack of a source.

(26) "Low terrain" means any area other than high terrain.

(27) "Indian Reservation" means any federally recognized reservation established by Treaty, Agreement, Executive Order, or Act of Congress.

(28) "Indian Governing Body" means the governing body of any tribe, band, or group of Indians subject to the jurisdiction of the United States and recognized by the United States as possessing power of selfgovernment.

(c) *Ambient air increments.* In areas designated as Class I, II or III, increases in pollutant concentration over the baseline concentration shall be limited to the following:

MAXIMUM ALLOWABLE INCREASE

Pollutant	Micrograms per cubic meter
CLASS I	
Particulate matter:	
Annual geometric mean	5
24-h maximum	10
Sulfur dioxide:	
Annual arithmetic mean	2
24-h maxium	5
3-h maximum	25
CLASS II	
Particulate matter:	
Annual geometric mean	19
24-h maximum	37
Sulfur dioxide:	
Annual arithmetic	20
24-h maximum	91
3-h maximum	512
CLASS III	
Particulate matter:	
Annual geometric mean	37
24-h maximum	75
Sulfur dioxide:	
Annual arithmetic mean	40
24-h maximum	182
3-h maximum	700

For any period other than an annual period, the applicable maximum allowable increase may be exceeded during one such period per year at any one location.

(d) *Ambient air ceilings.* No concentration of a polutant shall exceed:

(1) The concentration permitted under the national secondary ambient air quality standard, or

(2) The concentration permitted under the national primary ambient air quality standard, whichever concentration is lowest for the pollutant for a period of exposure.

(e) *Restrictions on area classifications.* (1) All of the following areas which were in existence on August 7, 1977, shall be Class I areas and may not be redesignated:

(i) International parks,

(ii) National wilderness areas which exceed 5,000 acres in size,

(iii) National memorial parks which exceed 5,000 acres in size, and

(iv) National parks which exceed 6,000 acres in size.

(2) Areas which were redesignated as Class I under regulations promulgated before August 7, 1977, shall remain Class I, but may be redesignated as provided in this section.

(3) Any other area, unless otherwise specified in the legislation creating such an area, is initially designated Class II, but may be redesignated as provided in this section.

(4) The following areas may be redesignated only as Class I or II:

(i) An area which as of August 7, 1977, exceeded 10,000 acres in size and was a national monument, a national primitive area, a national preserve, a national recreational area, a national wild and scenic river, a national wildlife refuge, a national lakeshore or seashore; and

(ii) A national park or national wilderness area established after August 7, 1977, which exceeds 10,000 acres in size.

(f) *Exclusions from increment consumption.* (1) Upon written request of the governor, made after notice and opportunity for at least one public hearing to be held in accordance with procedures established in 40 CFR 51.4, the Administrator shall exclude the following concentrations in determining compliance with a maximum allowable increase:

(i) Concentrations attributable to the increase in emissions from stationary sources which have converted from the use of petroleum products, natural gas, or both by reason of an order in effect under sections 2(a) and (b) of the Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) over the emissions from such sources before the effective date of such an order;

(ii) Concentrations attributable to the increase in emissions from sources which have converted from using natural gas by reason of a natural gas curtailment plan in effect pursuant to the Federal Power Act over the emissions from such sources before the effective date of such plan;

(iii) Concentrations of particulate matter attributable to the increase in emissions from construction or other temporary emission-related activities of new or modified sources;

(iv) The increase in concentrations attributable to new sources outside the United States over the concentrations attributable to existing sources which are included in the baseline concentration; and

(v) Concentrations attributable to the temporary increase in emissions of sulfur dioxide or particulate matter from stationary sources which are affected by plan revisions approved by the Administrator as meeting the criteria specified in paragraph (f)(4) of this section.

(2) No exclusion of such concentrations shall apply more than five years after the effective date of the order to which paragraph (f)(1)(i) of this section, refers or the plan to which paragraph (f)(1)(ii) of this section, refers, whichever is applicable. If both such order and plan are applicable, no such exclusion shall apply more than five years after the later of such effective dates.

(3) No exclusion under paragraph (f) of this section shall occur later than 9 months after August 7, 1980, unless a State Implementation Plan revision meeting the requirements of 40 CFR 51.24 has been submitted to the Administrator.

(4) For purposes of excluding concentrations pursuant to paragraph (f)(1)(v) of this section, the proposed plan revision shall:

(i) Specify the time over which the temporary emissions increase of sulfur dioxide or particulate matter would occur. Such time is not to exceed two years in duration unless a longer time is approved by the Administrator;

(ii) Specify that the time period for excluding certain contributions in accordance with paragraph (f)(4)(i) of this section, is not renewable;

(iii) Allow no emissions increase from a stationary source which would:

(*a*) Impact a Class I area or an area where an applicable increment is known to be violated; or

(*b*) Cause or contribute to the violation of a national ambient air quality standard;

(iv) Require limitations to be in effect at the end of the time period specified in accordance with paragraph (f)(4)(i) of this section, which would ensure that the emissions levels from stationary sources affected by the plan revision would not exceed those levels occurring from such sources before the plan revision was approved.

(g) *Redesignation.* (1) All areas (except as otherwise provided under paragraph (e) of this section) are designated Class II as of December 5, 1974. Redesignation (except as otherwise precluded by paragraph (e) of this section) may be proposed by the respective States or Indian Governing Bodies, as provided below, subject to approval by the Administrator as a revision to the applicable State implementation plan.

(2) The State may submit to the Administrator a proposal to redesignate areas of the State Class I or Class II provided that:

(i) At least one public hearing has been held in accordance with procedures established in § 51.4 of this chapter;

(ii) Other States, Indian Governing Bodies, and Federal Land Managers whose lands may be affected by the proposed redesignation were notified at least 30 days prior to the public hearing;

(iii) A discussion of the reasons for the proposed redesignation, including a satisfactory description and analysis of the health, environmental, economic, social and energy effects of the proposed redesignation, was prepared and made available for public inspection at least 30 days prior to the hearing and the notice announcing the hearing contained appropriate notification of the availability of such discussion;

(iv) Prior to the issuance of notice respecting the redesignation of an area that includes any Federal lands, the State has provided written notice to the appropriate Federal Land Manager and afforded adequate opportunity (not in excess of 60 days) to confer with the State respecting the redesignation and to submit written comments and recommendations. In redesignating any area with respect to which any Federal Land Manager had submitted written comments and recommendations, the State shall have published a list of any inconsistency between such redesignation and such comments and recommendations (together with the reasons for making such redesignation against the recommendation of the Federal Land Manager); and

(v) The State has proposed the redesignation after consultation with the elected leadership of local and other substate general purpose governments in the area covered by the proposed redesignation.

(3) Any area other than an area to which paragraph (e) of this section refers may be redesignated as Class III if—

(i) The redesignation would meet the requirements of paragraph (g)(2) of this section;

(ii) The redesignation, except any established by an Indian Governing Body, has been specifically approved by the Governor of the State, after consultation with the appropriate committees of the legislature, if it is in session, or with the leadership of the legislature, if it is not in session (unless State law provides that the redesignation must be specifically approved by State legislation) and if general purpose units of local government representing a majority of the residents of the area to be redesignated enact legislation or pass resolutions concurring in the redesignation:

(iii) The redesignation would not cause, or contribute to, a concentration of any air pollutant which would exceed any maximum allowable increase permitted under the classification of any other area or any national ambient air quality standard; and

(iv) Any permit application for any major stationary source or major modification, subject to review under paragraph (l) of this section, which could receive a permit under this section only if the area in question were redesignated as Class III, and any material submitted as part of that application, were available insofar as was practicable for public inspection prior to any public hearing on redesignation of the area as Class III.

(4) Lands within the exterior boundaries of Indian Reservations may be redesignated only by the appropriate Indian Governing Body. The appropriate Indian Governing Body may submit to the Administrator a proposal to redesignate areas Class I, Class II, or Class III: *Provided*, That:

(i) The Indian Governing Body has followed procedures equivalent to those required of a State under paragraphs (g)(2), (g)(3)(iii), and (g)(3)(iv) of this section; and

(ii) Such redesignation is proposed after consultation with the State(s) in which the Indian Reservation is located and which border the Indian Reservation.

(5) The Administrator shall disapprove, within 90 days of submission, a proposed redesignation of any area only if he finds, after notice and opportunity for public hearing, that such redesignation does not meet the procedural requirements of this paragraph or is inconsistent with paragraph (e) of this section. If any such disapproval occurs, the classification of the area shall be that which was in effect prior to the redesignation which was disapproved.

(6) If the Administrator disapproves any proposed redesignation, the State or Indian Governing Body, as appropriate, may resubmit the proposal after correcting the deficiencies noted by the Administrator.

(h) *Stack heights.* (1) The degree of emission limitation required for control of any air pollutant under this section shall not be affected in any manner by—

(i) So much of the stack height of any source as exceeds good engineering practice, or

(ii) Any other dispersion technique.

(2) Paragraph (h)(1) of this section shall not apply with respect to stack heights in existence before December 31, 1970, or to dispersion techniques implemented before then.

(i) *Review of Major Stationary Sources and Major Modifications—Source Applicability and Exemptions.* (1) No stationary source or modification to which the requirements of paragraphs (j) through (r) of this section apply shall begin actual construction without a permit which states that the stationary source or modification would meet those requirements. The Administrator has authority to issue any such permit.

(2) The requirements of paragraphs (j) through (r) of this section shall apply to any major stationary source and any major modification with respect to each pollutant subject to regulation under the Act that it would emit, except as this section otherwise provides.

(3) The requirements of paragraphs (j) through (r) of this section apply only to any major stationary source or major modification that would be constructed in an area designated as attainment or unclassifiable under section 107(d)(1)(D) or (E) of the Act.

(4) The requirements of paragraphs (j) through (r) of this section shall not apply to a particular major stationary source or major modification, if;

(i) Construction commenced on the source or modification before August 7, 1977. The regulations at 40 CFR 52.21 as in effect before August 7, 1977, shall govern the review and permitting of any such source or modification; or

(ii) The source or modification was subject to the review requirements of 40 CFR 52.21(d)(i) as in effect before March 1, 1978, and the owner or operator:

(*a*) Obtained under 40 CFR 52.21 a final approval effective before March 1, 1978;

(*b*) Commenced construction before March 19, 1979; and

(*c*) Did not discontinue construction for a period of 18 months or more and completed construction within a reasonable time; or

(iii) The source or modification was subject to 40 CFR 52.21 as in effect before March 1, 1978, and the review of an application for approval for the stationary source or modification under 40 CFR 52.21 would have been completed by March 1, 1978, but for an extension of the public comment period pursuant to a request for such an extension. In such a case, the application shall continue to be processed, and granted or denied, under 40 CFR 52.21 as in effect prior to March 1, 1978; or

(iv) The source or modification was not subject to 40 CFR 52.21 as in effect before March 1, 1978, and the owner or operator:

(*a*) Obtained all final federal, state and local preconstruction approvals or permits necessary under the applicable State Implementation Plan before March 1, 1978;

(*b*) Commenced construction before March 19, 1979; and

(*c*) Did not discontinue construction for a period of 18 months or more and completed construction within a reasonable time; or

(v) The source or modification was not subject to 40 CFR 52.21 as in effect on June 19, 1978 or under the partial stay of regulations published on February 5, 1980 (45 FR 7800), and the owner or operator:

(*a*) Obtained all final federal, state and local preconstruction approvals or permits necessary under the applicable State Implementation Plan before August 7, 1980;

(*b*) Commenced construction within 18 months from August 7, 1980, or any earlier time required under the applicable State Implementation Plan; and

(*c*) Did not discontinuue construction for a period of 18 months or more and completed construction within a reasonable time; or

(vi) The source or modification would be a nonprofit health or nonprofit educational institution, or a major modification would occur at such an institution, and the governor of the state in which the source or modification would be located requests that it be exempt from those requirements; or

(vii) The source or modification would be a major stationary source or major modification only if fugitive emissions, to the extent quantifiable, are considered in calculating the potential to emit of the stationary source or modification and the source does not belong to any of the following categories:

(*a*) Coal cleaning plants (with thermal dryers);

(*b*) Kraft pulp mills;

(*c*) Portland cement plants;

(*d*) Primary zinc smelters;

(*e*) Iron and steel mills;

(*f*) Primary aluminum ore reduction plants;

(*g*) Primary copper smelters;

(*h*) Municipal incinerators capable of charging more than 250 tons of refuse per day;

(*i*) Hydrofluoric, sulfuric, or nitric acid plants;

(*j*) Petroleum refineries;

(*k*) Lime plants;

(*l*) Phosphate rock processing plants;

(*m*) Coke oven batteries;

(*n*) Sulfur recovery plants;

(*o*) Carbon black plants (furnace process);

(*p*) Primary lead smelters;

(*q*) Fuel conversion plants;

(*r*) Sintering plants;

(*s*) Secondary metal production plants;

(*t*) Chemical process plants;

(*u*) Fossil-fuel boilers (or combination thereof) totaling more than 250 million British thermal units per hour heat input;

(*v*) Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels;

(*w*) Taconite ore processing plants;

(*x*) Glass fiber processing plants;

(*y*) Charcoal production plants;

(*z*) Fossil fuel-fired steam electric plants of more than 250 million British thermal units per hour heat input;

(*aa*) Any other stationary source category which, as of August 7, 1980, is being regulated under section 111 or 112 of the Act; or

(viii) The source is a portable stationary source which has previously received a permit under this section, and

(*a*) The owner or operator proposes to relocate the source and emissions of the source at the new location would be temporary; and

(*b*) The emissions from the source would not exceed its allowable emissions; and

(*c*) The emissions from the source would impact no Class I area and no area where an applicable increment is known to be violated; and

(*d*) Reasonable notice is given to the Administrator prior to the relocation identifying the proposed new location and the probable duration of operation at the new location. Such notice shall be given to the Administrator not less than 10 days in advance of the proposed relocation unless a different time duration is previously approved by the Administrator.

(5) The requirements of paragraphs (j) through (r) of this section shall not apply to a major stationary source or major modification with respect to a particular pollutant if the owner or operator demonstrates that, as to that pollutant, the source or modification is located in an area designated as nonattainment under section 107 of the Act.

(6) The requirements of paragraphs (k), (m) and (o) of this section shall not apply to a major stationary source or major modification with respect to a particular pollutant, if the allowable emissions of that pollutant from the source, or the net emissions increase of that pollutant from the modification:

(i) Would impact no Class I area and no area where an applicable increment is known to be violated, and

(ii) Would be temporary.

(7) The requirements of paragraphs (k), (m) and (o) of this section as they relate to any maximum allowable increase for a Class II area shall not apply to a major modification at a stationary source that was in existence on March 1, 1978, if the net increase in allowable emissions of each pollutant subject to regulation under the Act from the modification after the application of best available control technology would be less than 50 tons per year.

(8) The Administrator may exempt a stationary source or modification from the requirements of paragraph (m) of this section, with respect to monitoring for a particular pollutant if:

(i) The emissions increase of the pollutant from the new source or the net emissions increase of the pollutant from the modification would cause, in any area, air quality impacts less than the following amounts:

Carbon monoxide—575 $\mu g/m^3$, 8-hour average;

Nitrogen dioxide—14 $\mu g/m^3$, annual average;

Total suspended particulate—10 $\mu g/m^3$, 24-hour average;

Sulfur dioxide—13 $\mu g/m^3$, 24-hour average;

Ozone; [1]

Lead—0.1 $\mu g/m^3$, 24-hour average;

Mercury—0.25 $\mu g/m^3$, 24-hour average;

Beryllium—0.0005 $\mu g/m^3$, 24-hour average;

Fluorides—0.25 $\mu g/m^3$, 24-hour average;

Vinyl chloride—15 $\mu g/m^3$, 24-hour average;

Total reduced sulfur—10 $\mu g/m^3$, 1-hour average;

Hydrogen sulfide—0.04 $\mu g/m^3$, 1-hour average;

Reduced sulfur compounds—10 $\mu g/m^3$, 1-hour average; or

(ii) The concentrations of the pollutant in the area that the source or modification would affect are less than the concentrations listed in paragraph (i)(8)(i) of this section, or the pollutant is not listed in paragraph (i)(8)(i) of this section.

(9) The requirements for best available control technology in paragraph (j) of this section and the requirements for air quality analyses in paragraph (m)(1) of this section, shall not apply to a particular stationary source or modification that was subject to 40 CFR 52.21 as in effect on June 19, 1978, if the owner or operator of the source or modification submitted an application for a permit under those regulations before August 7, 1980, and the Administrator subsequently determines that the application as submitted before that date was complete. Instead, the requirements at 40 CFR 52.21(j) and (n) as in effect on June 19, 1978 apply to any such source or modification.

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[1] No *de minimis* air quality level is provided for ozone. However, any net increase of 100 tons per year or more of volatile organic compounds subject to PSD would be required to perform an ambient impact analysis including the gathering of ambient air quality data.

(10) (i) The requirements for air quality monitoring in paragraphs (m)(1) (ii) through (iv) of this section shall not apply to a particular source or modification that was subject to 40 CFR 52.21 as in effect on June 19, 1978, if the owner or operator of the source or modification submits an application for a permit under this section on or before June 8, 1981, and the Administrator subsequently determines that the application as submitted before that date was complete with respect to the requirements of this section other than those in paragraphs (m)(1) (ii) through (iv) of this section, and with respect to the requirements for such analyses at 40 CFR 52.21(m)(2) as in effect on June 19, 1978. Instead, the latter requirements shall apply to any such source or modification.

(ii) The requirements for air quality monitoring in paragraphs (m)(1) (ii) through (iv) of this section shall not apply to a particular source or modification that was not subject to 40 CFR 52.21 as in effect on June 19, 1978, if the owner or operator of the source or modification submits an application for a permit under this section on or before June 8, 1981, and the Administrator subsequently determines that the application as submitted before that date was complete, except with respect to the requirements in paragraphs (m)(1) (ii) through (iv).

(j) *Control Technology Review.* (1) A major stationary source or major modification shall meet each applicable emissions limitation under the State Implementation Plan and each applicable emissions standard and standard of performance under 40 CFR Parts 60 and 61.

(2) A new major stationary source shall apply best available control technology for each pollutant subject to regulation under the Act that it would have the potential to emit in significant amounts.

(3) A major modification shall apply best available control technology for each pollutant subject to regulation under the Act for which it would result in a significant net emissions increase at the source. This requirement applies to each proposed emissions unit at which a net emissions increase in the pollutant would occur as a result of a physical change or change in the method of operation in the unit.

(4) For phased construction projects, the determination of best available control technology shall be reviewed and modified as appropriate at the latest reasonable time which occurs no later than 18 months prior to commencement of construction of each independent phase of the project. At such time, the owner or operator of the applicable stationary source may be required to demonstrate the adequacy of any previous determination of best available control technology for the source.

(k) *Source Impact Analysis.* The owner or operator of the proposed source or modification shall demonstrate that allowable emission increases from the proposed source or modification, in conjunction with all other applicable emissions increases or reductions (including secondary emissions), would not cause or contribute to air pollution in violation of:

(1) Any national ambient air quality standard in any air quality control region; or

(2) Any applicable maximum allowable increase over the baseline concentration in any area.

(l) *Air quality models.* (1) All estimates of ambient concentrations required under this section shall be based on the applicable air quality models, data bases, and other requirements specified in the "Guideline on Air Quality Models" (OAQPS 1.2-080, U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Research Triangle Park, N.C. 27711, April 1978). This document is incorporated by reference. On April 27, 1978, the Office of the Federal Register approved this document for incorporation by reference. A copy of the guideline is on file in the Federal Register Library.

(2) Where an air quality impact model specified in the "Guideline on Air Quality Models" is inappropriate, the model may be modified or another model substituted. Such a change must be subject to notice and opportunity for public comment under paragraph (r) of this section. Written approval of the Administrator must be

obtained for any modification or substitution. Methods like those outlined in the "Workbook for the Comparison of Air Quality Models" (U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Research Triangle Park, N.C. 27711, May, 1978) should be used to determine the comparability of air quality models.

(3) The documents referenced in this paragraph are available for public inspection at EPA's Public Information Reference Unit and at the libraries of each of the ten EPA Regional Offices. Copies are available as supplies permit from the Library Service Office (MD-35), U.S. Environmental Protection Agency, Research Triangle Park, N.C. 27711. Also, copies may be purchased from the National Technical Information Service, 5285 Port Royal Road, Springfield, Va. 22161.

(m) *Air Quality Analysis*—(1) *Preapplication analysis.* (i) Any application for a permit under this section shall contain an analysis of ambient air quality in the area that the major stationary source or major modification would affect for each of the following pollutants:

(*a*) For the source, each pollutant that it would have the potential to omit in a significant amount;

(*b*) For the modification, each pollutant for which it would result in a significant net emissions increase.

(ii) With respect to any such pollutant for which no National Ambient Air Quality Standard exists, the analysis shall contain such air quality monitoring data as the Administrator determines is necessary to assess ambient air quality for that pollutant in any area that the emissions of that pollutant would affect.

(iii) With respect to any such pollutant (other than nonmethane hydrocarbons) for which such a standard does exist, the analysis shall contain continuous air quality monitoring data gathered for purposes of determining whether emissions of that pollutant would cause or contribute to a violation of the standard or any maximum allowable increase.

(iv) In general, the continuous air quality monitoring data that is required shall have been gathered over a period of at least one year and shall represent at least the year preceding receipt of the application, except that, if the Administrator determines that a complete and adequate analysis can be accomplished with monitoring data gathered over a period shorter than one year (but not to be less than four months), the data that is required shall have been gathered over at least that shorter period.

(v) For any application which becomes complete, except as to the requirements of paragraphs (m)(1) (iii) and (iv) of this section, between June 8, 1981, and February 9, 1982, the data that paragraph (m)(1)(iii) of this section, requires shall have been gathered over at least the period from February 9, 1981, to the date the application becomes otherwise complete, except that:

(*a*) If the source or modification would have been major for that pollutant under 40 CFR 52.21 as in effect on June 19, 1978, any monitoring data shall have been gathered over at least the period required by those regulations.

(*b*) If the Administrator determines that a complete and adequate analysis can be accomplished with monitoring data over a shorter period (not to be less than four months), the data that paragraph (m)(1)(iii) of this section, requires shall have been gathered over at least that shorter period.

(*c*) If the monitoring data would relate exclusively to ozone and would not have been required under 40 CFR 52.21 as in effect on June 19, 1978, the Administrator may waive the otherwise applicable requirements of this paragraph (v) to the extent that the applicant shows that the monitoring data would be unrepresentative of air quality over a full year.

(vi) The owner or operator of a proposed stationary source or modification of violatile organic compounds who satisfies all conditions of 40 CFR Part 51 Appendix S, section IV may provide post-approval monitoring data for ozone in lieu of providing preconstruction data as requried under paragraph (m)(1) of this section.

(2) Post-construction monitoring. The owner or operator of a major stationary source or major modification

shall, after construction of the stationary source or modification, conduct such ambient monitoring as the Administrator determines is necessary to determine the effect emissions from the stationary source or modification may have, or are having, on air quality in any area.

(3) Operations of monitoring stations. The owner or operator of a major stationary source or major modification shall meet the requirements of Appendix B to Part 58 of this chapter during the operation of monitoring stations for purposes of satisfying paragraph (m) of this section.

(n) *Source information.* The owner or operator of a proposed source or modification shall submit all information necessary to perform any analysis or make any determination required under this section.

(1) With respect to a source or modification to which paragraphs (j), (l), (n) and (p) of this section apply, such information shall include:

(i) A description of the nature, location, design capacity, and typical operating schedule of the source or modification, including specifications and drawings showing its design and plant layout;

(ii) A detailed schedule for construction of the source or modification;

(iii) A detailed description as to what system of continuous emission reduction is planned for the source or modification, emission estimates, and any other information necessary to determine that best available control technology would be applied.

(2) Upon request of the Administrator, the owner or operator shall also provide information on:

(i) The air quality impact of the source or modification, including meteorological and topographical data necessary to estimate such impact; and

(ii) The air quality impacts, and the nature and extent of any or all general commercial, residential, industrial, and other growth which has occurred since August 7, 1977, in the area the source or modification would affect.

(o) *Additional impact analyses.* (1) The owner or operator shall provide an analysis of the impairment to visibility, soils and vegetation that would occur as a result of the source or modification and general commercial, residential, industrial and other growth associated with the source or modification. The owner or operator need not provide an analysis of the impact on vegetation having no significant commercial or recreational value.

(2) The owner or operator shall provide an analysis of the air quality impact projected for the area as a result of general commercial, residential, industrial and other growth associated with the source or modification.

(p) *Sources impacting Federal Class I areas—additional requirements*—(1) *Notice to Federal Land Managers.* The Administrator shall provide notice of any permit application for a proposed major stationary source or major modification the emissions from which would affect a Class I area to the Federal Land Manager, and the Federal official charged with direct responsibility for management, of any lands within any such area. The Administrator shall provide such notice promptly after receiving the application. The Administrator shall also provide the Federal Land Manager and such Federal officials with a copy of the preliminary determination required under paragraph (r) of this section, and shall make available to them any materials used in making that determination, promptly after the Administrator makes it.

(2) *Federal Land Manager.* The Federal Land Manager and the Federal official charged with direct responsibility for management of such lands have an affirmative responsibility to protect the air quality related values (including visibility) of such lands and to consider, in consultation with the Administrator, whether a proposed source or modification will have an adverse impact on such values.

(3) *Denial—impact on air quality related values.* The Federal Land Manager of any such lands may demonstrate to the Administrator that the emissions from a proposed source or modification would have an adverse impact on the air quality-related values (including visibility) of those lands, notwithstanding that the change in air quality resulting from emissions from such source or modification would not cause or contribute

to concentrations which would exceed the maximum allowable increases for a Class I area. If the Administrator concurs with such demonstration, then he shall not issue the permit.

(4) *Class I variances.* The owner or operator of a proposed source or modification may demonstrate to the Federal Land Manager that the emissions from such source or modification would have no adverse impact on the air quality related values of any such lands (including visibility), notwithstanding that the change in air quality resulting from emissions from such source or modification would cause or contribute to concentrations which would exceed the maximum allowable increases for a Class I area. If the Federal Land Manager concurs with such demonstration and he so certifies, the State may authorize the Administrator: *Provided,* That the applicable requirements of this section are otherwise met, to issue the permit with such emission limitations as may be necessary to assure that emissions of sulfur dioxide and particulate matter would not exceed the followng maximum allowable increases over baseline concentration for such pollutants:

MAXIMUM ALLOWABLE INCREASE

	Micrograms per cubic meter
Particulate matter:	
Annual geometric mean	19
24-hr maximum	37
Sulfur dioxide:	
Annual arithmetic mean	20
24-hr maximum	91
3-hr maximum	325

(5) *Sulfur dioxide variance by Governor with Federal Land Manager's concurrence.* The owner or operator of a proposed source or modification which cannot be approved under paragraph (q)(4) of this section may demonstrate to the Governor that the source cannot be constructed by reason of any maximum allowable increase for sulfur dioxide for a period of twenty-four hours or less applicable to any Class I area and, in the case of Federal mandatory Class I areas, that a variance under this clause would not adversely affect the air quality related values of the area (including visibility). The Governor, after consideration of the Federal Land Manager's recommendation (if any) and subject to his concurrence, may, after notice and public hearing, grant a variance from such maximum allowable increase. If such variance is granted, the Administrator shall issue a permit to such source or modification pursuant to the requirements of paragraph (q)(7) of this section: *Provided,* That the applicable requirements of this section are otherwise met.

(6) *Variance by the Governor with the President's concurrence.* In any case where the Governor recommends a variance in which the Federal Land Manager does not concur, the recommendations of the Governor and the Federal Land Manager shall be transmitted to the President. The President may approve the Governor's recommendation if he finds that the variance is in the national interest. If the variance is approved, the Administrator shall issue a permit pursuant to the requirements of paragraph (q)(7) of this section: *Provided,* That the applicable requirements of this section are otherwise met.

(7) *Emission limitations for Presidential or gubernatorial variance.* In the case of a permit issued pursuant to paragraph (q) (5) or (6) of this section the source or modification shall comply with such emission limitations as may be necessary to assure that emissions of sulfur dioxide from the source or modification would not (during any day on which the otherwise applicable maximum allowable increases are exceeded) cause or contribute to concentrations which would exceed the following maximum allowable increases over the baseline concentration and to assure that such emissions would not cause or contribute to concentrations which exceed the otherwise applicable maximum allowable increases for periods of exposure of 24 hours or less for more than 18 days, not necessarily consecutive, during any annual period:

MAXIMUM ALLOWABLE INCREASE

[Micrograms per cubic meter]

Period of exposure	Terrain areas	
	Low	High
24-hr maximum	36	62
3-hr maximum	130	221

(q) *Public Participation.* The Administrator shall follow the applicable procedures of 40 CFR Part 124 in processing applications under this section. The Administrator shall follow the procedures at 40 CFR 52.21(r) as in effect on June 19, 1979, to the extent that the procedures of 40 CFR Part 124 do not apply.

(r) *Source obligation.* (1) Any owner or operator who constructs or operates a source or modification not in accordance with the application submitted pursuant to this section or with the terms of any approval to construct, or any owner or operator of a source or modification subject to this section who commences construction after the effective date of these regulations without applying for and receiving approval hereunder, shall be subject to appropriate enforcement action.

(2) Approval to construct shall become invalid if construction is not commenced within 18 months after receipt of such approval, if construction is discontinued for a period of 18 months or more, or if construction is not completed within a reasonable time. The Administrator may extend the 18-month period upon a satisfactory showing that an extension is justified. This provision does not apply to the time period between construction of the approved phases of a phased construction project; each phase must commence construction within 18 months of the projected and approved commencement date.

(3) Approval to construct shall not relieve any owner or operator of the responsibility to comply fully with applicable provisions of the State implementation plan and any other requirements under local, State, or Federal law.

(4) At such time that a particular source or modification becomes a major stationary source or major modification solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements or paragraphs (j) through (s) of this section shall apply to the source or modification as though construction had not yet commenced on the source or modification.

(s) *Environmental impact statements.* Whenever any proposed source or modification is subject to action by a Federal Agency which might necessitate preparation of an environmental impact statement pursuant to the National Environmental Policy Act (42 U.S.C. 4321), review by the Administrator conducted pursuant to this section shall be coordinated with the broad environmental reviews under that Act and under Section 309 of the Clean Air Act to the maximum extent feasible and reasonable.

(t) *Disputed permits or redesignations.* If any State affected by the redesignation of an area by an Indian Governing Body, or any Indian Governing Body of a tribe affected by the redesignation of an area by a State, disagrees with such redesignation, or if a permit is proposed to be issued for any major stationary source or major modification proposed for construction in any State which the Governor of an affected State or Indian Governing Body of an affected tribe determines will cause or contribute to a cumulative change in air quality in excess of that allowed in this part within the affected State or Indian Reservation, the Governor or Indian Governing Body may request the Administrator to enter into negotiations with the parties involved to resolve such dispute. If requested by any State or Indian Governing Body involved, the Administrator shall make a recommendation to resolve the dispute and protect the air quality related values of the lands involved. If the parties involved do not reach agreement, the Administrator shall resolve the dispute and his determination, or the results of agreements reached through other means, shall become part of the applicable State implementation plan and shall be enforceable as part of such plan. In resolving such disputes relating to area redesignation, the Administrator shall consider the extent to which the lands involved are of sufficient size to allow effective air quality management or have air quality related values of such an area.

(u) *Delegation of authority.* (1) The Administrator shall have the authority to delegate his responsibility for conducting source review pursuant to this section, in accordance with paragraphs (v) (2) and (3) of this section.

(2) Where the Administrator delegates the responsibility for conducting source review under this section to any agency other than a Regional Office of the Environmental Protection Agency, the following provisions shall apply:

(i) Where the delegate agency is not an air pollution control agency, it shall consult with the appropriate State and local air pollution control agency prior to making any determination under this section. Similarly, where the delegate agency does not have continuing responsibility for managing land use, it shall consult with the appropriate State and local agency primarily responsible for managing land use prior to making any determination under this section.

(ii) The delegate agency shall send a copy of any public comment notice required under paragraph (r) of this section to the Administrator through the appropriate Regional Office.

(3) The Administrator's authority for reviewing a source or modification located on an Indian Reservation shall not be redelegated other than to a Regional Office of the Environmental Protection Agency, except where the State has assumed jurisdiction over such land under other laws. Where the State has assumed such jurisdiction, the Administrator may delegate his authority to the States in accordance with paragraph (v)(2) of this section.

(4) In the case of a source or modification which proposes to construct in a class III area, emissions from which would cause or contribute to air quality exceeding the maximum allowable increase applicable if the area were designated a class II area, and where no standard under section 111 of the act has been promulgated for such source category, the Administrator must approve the determination of best available control technology as set forth in the permit.

(v) *Innovative Control Technology.* (1) An owner or operator of a proposed major stationary source or major modification may request the Administrator in writing no later than the close of the comment period under 40 CFR 124.10 to approve a system of innovative control technology.

(2) The Administrator shall, with the consent of the governor(s) of the affected state(s), determine that the source or modification may employ a system of innovative control technology, if:

(i) The proposed control system would not cause or contribute to an unreasonable risk to public health, welfare, or safety in its operation or function;

(ii) The owner or operator agrees to achieve a level of continuous emissions reduction equivalent to that which would have been required under paragraph (j)(2) of this section, by a date specified by the Administrator. Such date shall not be later than 4 years from the time of startup or 7 years from permit issuance;

(iii) The source or modification would meet the requirements of paragraphs (j) and (k) of this section, based on the emissions rate that the stationary source employing the system of innovative control technology would be required to meet on the date specified by the Administrator;

(iv) The source or modification would not before the date specified by the Administrator:

(*a*) Cause or contribute to a violation of an applicable national ambient air quality standard; or

(*b*) Impact any Class I area; or

(*c*) Impact any area where an applicable increment is known to be violated; and

(v) All other applicable requirements including those for public participation have been met.

(3) The Administrator shall withdraw any approval to employ a system of innovative control technology made under this section, if:

(i) The proposed system fails by the specified date to achieve the required continuous emissions reduction rate; or

(ii) The proposed system fails before the specified date so as to contribute to an unreasonable risk to public health, welfare, or safety; or

(iii) The Administrator decides at any time that the proposed system is unlikely to achieve the required level of control or to protect the public health, welfare, or safety.

(4) If a source or modification fails to meet the required level of continuous emission reduction within the specified time period or the approval is withdrawn in accordance with paragraph (v)(3) of this section, the Administrator may allow the source or modification up to an additional 3 years to meet the requirement for the application of best available control technology through use of a demonstrated system of control.

(w) *Permit rescission.* (1) Any permit issued under this section or a prior version of this section shall remain in effect, unless and until it expires under paragraph (s) of this section or is rescinded.

(2) Any owner or operator of a stationary source or modification who holds a permit for the source or modification which was issued under 40 CFR 52.21 as in effect on June 19, 1978, may request that the Administrator rescind the permit or a particular portion of the permit.

(3) The Administrator shall grant an application for rescission if the application shows that this section would not apply to the source or modification.

(4) If the Administrator rescinds a permit under this paragraph, the public shall be given adequate notice of the rescission. Publication of an announcement of rescission in a newspaper of general circulation in the affected region within 60 days of the rescission shall be considered adequate notice.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. No. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26403, June 19, 1978, as amended at 44 FR 27571, May 10, 1979; 45 FR 52735, Aug. 7, 1980; 47 FR 27561, June 25, 1982]

EDITORIAL NOTE: The provisions of § 52.21 relating to air quality deterioration were stayed in part by a document published at 45 FR 7800, Feb. 5, 1980.

§ 52.22 Maintenance of national standards.

(a) Subsequent to January 31, 1973, the Administrator reviewed again State implementation plan provisions for insuring the maintenance of the national standards. The review indicates that State plans generally do not contain regulations or procedures which adequately address this problem. Accordingly, all State plans are disapproved with respect to maintenance because such plans do not meet the requirements of § 51.12(g) of this chapter. The disapproval applies to all States listed in Subparts B through DDD of this part. Nothing in this section shall invalidate or otherwise affect the obligations of States, emission sources, or other persons with respect to all portions of plans approved or promulgated under this part.

(b) *Regulation for review of new or modified indirect sources.* (1) All terms used in this paragraph but not specifically defined below shall have the meaning given them in § 52.01 of this chapter.

(i) The term "indirect source" means a facility, building, structure, or installation which attracts or may attract mobile source activity that results in emissions of a pollutant for which there is a national standard. Such indirect sources include, but are not limited to:

(*a*) Highways and roads.

(*b*) Parking facilities.

(*c*) Retail, commercial and industrial facilities.

(*d*) Recreation, amusement, sports and entertainment facilities.

(*e*) Airports.

(*f*) Office and Government buildings.

(*g*) Apartment and condominium buildings.

(*h*) Education facilities.

(ii) The term "Administrator" means the Administrator of the Environmental Protection Agency or his designated agent.

(iii) The term "associated parking area" means a parking facility or facilities owned and/or operated in conjunction with an indirect source.

(iv) The term "aircraft operation" means an aircraft take-off or landing.

(v) The phrase "to commence construction" means to engage in a continuous program of on-site construction including site clearance, grading, dredging, or land filling specifically designed for an indirect source in preparation for the fabrication, erection, or installation of the building components of the indirect source. For the purpose of this paragraph, interruptions resulting from acts of God, strikes, litigation, or other matters beyond the control of the owner shall be disregarded in determining whether a construction or modification program is continuous.

(vi) The phrase "to commence modification" means to engage in a continuous program of on-site modification, including site clearance, grading, dredging, or land filling in preparation for a specific modification of the indirect source.

(vii) The term "highway section" means the development proposal of a highway of substantial length between logical termini (major crossroads, population centers, major traffic generators, or similar major highway control elements) as normally included in a single location study or multi-year highway improvement program as set forth in 23 CFR 770.201 (38 FR 31677).

(viii) The term "highway project" means all or a portion of a highway section which would result in a specific construction contract.

(ix) The term "Standard Metropolitan Statistical Area (SMSA)" means such areas as designated by the U.S. Bureau of the Budget in the following publication: "Standard Metropolitan Statistical Area," issued in 1967, with subsequent amendments.

(2) The requirements of this paragraph are applicable to the following:

(i) In an SMSA:

(*a*) Any new parking facility, or other new indirect source with an associated parking area, which has a new parking capacity of 1,000 cars or more; or

(*b*) Any modified parking facility, or any modification of an associated parking area, which increases parking capacity by 500 cars or more; or

(*c*) Any new highway project with an anticipated average annual daily traffic volume of 20,000 or more vehicles per day within ten years of construction; or

(*d*) Any modified highway project which will increase average annual daily traffic volume by 10,000 or more vehicles per day within ten years after modification.

(ii) Outside an SMSA:

(*a*) Any new parking facility, or other new indirect source with an associated parking area, which has a parking capacity of 2,000 cars or more; or

(*b*) Any modified parking facility, or any modification of an associated parking area, which increases parking capacity by 1,000 cars or more.

(iii) Any airport, the construction or general modification program of which is expected to result in the following activity within ten years of construction or modification:

(*a*) New airport: 50,000 or more operations per year by regularly scheduled air carriers, or use by 1,600,000 or more passengers per year.

(*b*) Modified airport: Increase of 50,000 or more operations per year by regularly scheduled air carriers over the existing volume of operations, or increase of 1,600,000 or more passengers per year.

(iv) Where an indirect source is constructed or modified in increments which individually are not subject to review under this paragraph, and which are not part of a program of construction or modification in planned incremental phases approved by the Administrator, all such increments commenced after December 31, 1974, or after the latest approval hereunder, whichever date is most recent, shall be added together for determining the applicability of this paragraph.

(3) No owner or operator of an indirect source subject to this paragraph shall commence construction or modification of such source after December 31, 1974, without first obtaining approval from the Administrator. Application for approval to construct or

modify shall be by means prescribed by the Administrator, and shall include a copy of any draft or final environmental impact statement which has been prepared pursuant to the National Environmental Policy Act (42 U.S.C. 4321). If not included in such environmental impact statement, the Administrator may request the following information:

(i) For all indirect sources subject to this paragraph, other than highway projects:

(*a*) The name and address of the applicant.

(*b*) A map showing the location of the site of indirect source and the topography of the area.

(*c*) A description of the proposed use of the site, including the normal hours of operation of the facility, and the general types of activities to be operated therein.

(*d*) A site plan showing the location of associated parking areas, points of motor vehicle ingress and egress to and from the site and its associated parking areas, and the location and height of buildings on the site.

(*e*) An identification of the principal roads, highways, and intersections that will be used by motor vehicles moving to or from the indirect source.

(*f*) An estimate, as of the first year after the date the indirect source will be substantially complete and operational, of the average daily traffic volumes, maximum traffic volumes for one-hour and eight-hour periods, and vehicle capacities of the principal roads, highways, and intersections identified pursuant to paragraph (b)(3) (i)(*e*) of this section located within one-fourth mile of all boundaries of the site:

(*g*) Availability of existing and projected mass transit to service the site.

(*h*) Where approval is sought for indirect sources to be constructed in incremental phases, the information required by this paragraph (b)(3) shall be submitted for each phase of the construction project.

(*i*) Any additional information or documentation that the Administrator deems necessary to determine the air quality impact of the indirect source, including the submission of measured air quality data at the proposed site prior to construction or modification.

(ii) For airports:

(*a*) An estimate of the average number and maximum number of aircraft operations per day by type of aircraft during the first, fifth and tenth years after the date of expected completion.

(*b*) A description of the commercial, industrial, residential and other development that the applicant expects will occur within three miles of the perimeter of the airport within the first five and the first ten years after the date of expected completion.

(*c*) Expected passenger loadings at the airport.

(*d*) The information required under paragraphs (b)(3) (i)(*a*) through (*i*) of this section.

(iii) For highway projects:

(*a*) A description of the average and maximum traffic volumes for one, eight, and 24-hour time period expected within 10 years of date of expected completion.

(*b*) An estimate of vehicle speeds for average and maximum traffic volume conditions and the vehicle capacity of the highway project.

(*c*) A map showing the location of the highway project, including the location of buildings along the right-of-way.

(*d*) A description of the general features of the highway project and associated right-of-way, including the approximate height of buildings adjacent to the highway.

(*e*) Any additional information or documentation that the Administrator deems necessary to determine the air quality impact of the indirect source, including the submission of measured air quality data at the proposed site prior to construction or modification.

(iv) For indirect sources other than airports and those highway projects subject to the provisions of paragraph (b)(6)(iii) of this section, the air quality monitoring requirements of paragraph (b)(3)(i)(*i*) of this section shall be limited to carbon monoxide, and shall be conducted for a period of not more than 14 days.

(4) (i) For indirect sources other than highway projects and airports, the Administrator shall not approve

an application to construct or modify if he determines that the indirect source will:

(*a*) Cause a violation of the control strategy of any applicable state implementation plan; or

(*b*) Cause or exacerbate a violation of the national standards for carbon monoxide in any region or portion thereof.

(ii) The Administrator shall make the determination pursuant to paragraph (b)(4)(i)(*b*) of this section by evaluating the anticipated concentration of carbon monoxide at reasonable receptor or exposure sites which will be affected by the mobile source activity expected to be attracted by the indirect source. Such determination may be made by using traffic flow characteristic guidelines published by the Environmental Protection Agency which relate traffic demand and capacity considerations to ambient carbon monoxide impact, by use of appropriate atmospheric diffusion models (examples of which are referenced in Appendix O to Part 51 of this chapter), and/or by any other reliable analytic method. The applicant may (but need not) submit with his application, the results of an appropriate diffusion model and/or any other reliable analytic method, along with the technical data and information supporting such results. Any such results and supporting data submitted by the applicant shall be considered by the Administrator in making his determination pursuant to paragraph (b)(4)(i)(*b*) of this section.

(5) (i) For airports subject to this paragraph, the Administrator shall base his decision on the approval or disapproval of an application on the considerations to be published as an appendix to this part.

(ii) For highway projects and parking facilities specified under paragraph (b)(2) of this section which are associated with airports, the requirements and procedures specified in paragraphs (b)(4) and (6) (i) and (ii) of this section shall be met.

(6) (i) For all highway projects subject to this paragraph, the Administrator shall not approve an application to construct or modify if he determines that the indirect source will:

(*a*) Cause a violation of the control strategy of any applicable state implementation plan; or

(*b*) Cause or exacerbate a violation of the national standards for carbon monoxide in any region or portion thereof.

(ii) The determination pursuant to paragraph (b)(6)(i)(*b*) of this section shall be made by evaluating the anticipated concentration of carbon monoxide at reasonable receptor or exposure sites which will be affected by the mobile source activity expected on the highway for the ten year period following the expected date of completion according to the procedures specified in paragraph (b)(4)(ii) of this section.

(iii) For new highway projects subject to this paragraph with an anticipated average daily traffic volume of 50,000 or more vehicles within ten years of construction, or modifications to highway projects subject to this paragraph which will increase average daily traffic volume by 25,000 or more vehicles within ten years after modification, the Administrator's decision on the approval or disapproval of an application shall be based on the considerations to be published as an Appendix to this part in addition to the requirements of paragraph (b)(6)(i) of this section.

(7) The determination of the air quality impact of a proposed indirect source "at reasonable receptor or exposure sites" shall mean such locations where people might reasonably be exposed for time periods consistent with the national ambient air quality standards for the pollutants specified for analysis pursuant to this paragraph.

(8) (i) Within 20 days after receipt of an application or addition thereto, the Administrator shall advise the owner or operator of any deficiency in the information submitted in support of the application. In the event of such a deficiency, the date of receipt of the application for the purpose of paragraph (b)(8)(ii) of this section shall be the date on which all required information is received by the Administrator.

(ii) Within 30 days after receipt of a complete application, the Administrator shall;

(*a*) Make a preliminary determination whether the indirect source should be approved, approved with conditions in accordance with paragraph (b) (9) or (10) of this section, or disapproved.

(*b*) Make available in at least one location in each region in which the proposed indirect source would be constructed, a copy of all materials submitted by the owner or operator, a copy of the Administrator's preliminary determination, and a copy or summary of other materials, if any, considered by the Administrator in making his preliminary determination; and

(*c*) Notify the public, by prominent advertisement in a newspaper of general circulation in each region in which the proposed indirect source would be constructed, of the opportunity for written public comment on the information submitted by the owner or operator and the Administrator's preliminary determination on the approvability of the indirect source.

(iii) A copy of the notice required pursuant to this paragraph shall be sent to the applicant and to officials and agencies having cognizance over the location where the indirect source will be situated, as follows: State and local air pollution control agencies, the chief executive of the city and county; any comprehensive regional land use planning agency; and for highways, any local board or committee charged with responsibility for activities in the conduct of the urban transportation planning process (3-C process) pursuant to 23 U.S.C. 134.

(iv) Public comments submitted in writing within 30 days after the date such information is made available shall be considered by the Administrator in making his final decision on the application. No later than 10 days after the close of the public comment period, the applicant may submit a written response to any comments submitted by the public. The Administrator shall consider the applicant's response in making his final decision. All comments shall be made available for public inspection in at least one location in the region in which the indirect source would be located.

(v) The Administrator shall take final action on an application within 30 days after the close of the public comment period. The Administrator shall notify the applicant in writing of his approval, conditional approval, or denial of the application, and shall set forth his reasons for conditional approval or denial. Such notification shall be made available for public inspection in at least one location in the region in which the indirect source would be located.

(vi) The Administrator may extend each of the time periods specified in paragraphs (b)(8)(ii), (iv), or (v) of this section by no more than 30 days, or such other period as agreed to by the applicant and the Administrator.

(9) (i) Whenever an indirect source as proposed by an owner or operator's application would not be permitted to be constructed for failure to meet the tests set forth pursuant to paragraph (b)(4)(i), (b)(5)(i), or (b)(6)(i) and (iii) of this section, the Administrator may impose reasonable conditions on an approval related to the air quality aspects of the proposed indirect source so that such source, if constructed or modified in accordance with such conditions, could meet the tests set forth pursuant to paragraph (b)(4)(i), (b)(5)(i), or (b)(6)(i) and (iii) of this section. Such conditions may include, but not be limited to:

(*a*) Binding commitments to roadway improvements or additional mass transit facilities to serve the indirect source secured by the owner or operator from governmental agencies having jurisdiction thereof;

(*b*) Binding commitments by the owner or operator to specific programs for mass transit incentives for the employees and patrons of the source; and

(*c*) Binding commitments by the owner or operator to construct, modify, or operate the indirect source in such a manner as may be necessary to achieve the traffic flow characteristics published by the Environmental Protection Agency pursuant to paragraph (b)(4)(ii) of this section.

(ii) The Administrator may specify that any items of information provided in an application for approval related to the operation of an indirect source which may affect the source's air quality impact shall be considered permit conditions.

(10) Notwithstanding the provisions relating to modified indirect sources contained in paragraph (b)(2) of this section, the Administrator may condition any approval by reducing the extent to which the indirect source may be further modified without resubmission for approval under this paragraph.

(11) Any owner or operator who fails to construct an indirect source in accordance with the application as approved by the Administrator; any owner or operator who fails to construct and operate an indirect source in accordance with conditions imposed by the Administrator under paragraph (b)(9) of this section; any owner or operator who modifies an indirect source in violation of conditions imposed by the Administrator under paragraph (b)(10) of this section; or any owner or operator of an indirect source subject to this paragraph who commences construction or modification thereof after December 31, 1974, without applying for and receiving approval hereunder, shall be subject to the penalties specified under section 113 of the Act and shall be considered in violation of an emission standard or limitation under section 304 of the Act. Subsequent modification to an approved indirect source may be made without applying for permission pursuant to this paragraph only where such modification would not violate any condition imposed pursuant to paragraphs (b)(9) and (10) of this section and would not be subject to the modification criteria set forth in paragraph (b)(2) of this section.

(12) Approval to construct or modify shall become invalid if construction or modification is not commenced within 24 months after receipt of such approval. The Administrator may extend such time period upon a satisfactory showing that an extension is justified. The applicant may apply for such an extension at the time of initial application or at any time thereafter.

(13) Approval to construct or modify shall not relieve any owner or operator of the responsibility to comply with the control strategy and all local, State and Federal regulations which are part of the applicable State implementation plan.

(14) Where the Administrator delegates the responsibility for implementing the procedures for conducting indirect source review pursuant to this paragraph to any agency, other than a regional office of the Environmental Protection Agency, the following provisions shall apply:

(i) Where the agency designated is not an air pollution control agency, such agency shall consult with the appropriate State or local air pollution control agency prior to making any determination required by paragraph (b)(4), (5), or (6) of this section. Similarly, where the agency designated does not have continuing responsibilities for land use planning, such agency shall consult with the appropriate State or local land use and transportation planning agency prior to making any determination required by paragraph (b)(9) of this section.

(ii) The Administrator of the Environmental Protection Agency shall conduct the indirect source review pursuant to this paragraph for any indirect source owned or operated by the United States Government.

(iii) A copy of the notice required pursuant to paragraph (b)(8)(ii)(c) of this section shall be sent to the Administrator through the appropriate Regional Office.

(15) In any area in which a "management of parking supply" regulation which has been promulgated by the Administrator is in effect, indirect sources which are subject to review under the terms of such a regulation shall not be required to seek review under this paragraph but instead shall be required to seek review pursuant to such management of parking supply regulation. For purposes of this paragraph, a "management of parking supply" regulation shall be any regulation promulgated by the Administrator as part of a transportation control plan pursuant to the Clean Air Act which requires that any new or modified facility containing a given number of parking spaces shall receive a permit or other prior approval, issuance of which is to be conditioned on air quality considerations.

(16) Notwithstanding any of the foregoing provisions to the contrary, the operation of this paragraph is hereby suspended pending further notice. No facility which commences construction prior to the expiration of the sixth month after the operation of this paragraph is reinstated (as to that type of facility) shall be subject to this paragraph.

[39 FR 7276, Feb. 25, 1974, as amended at 39 FR 25297, July 9, 1974; 40 FR 28065, July 3, 1975; 40 FR 40160, Sept. 2, 1975]

NOTE: Interpretative rulings regarding paragraph (b) of this section are published in Appendix A to this part.

§ 52.23 Violation and enforcement.

Failure to comply with any provisions of this part, or with any approved regulatory provision of a state implementation plan, or with any permit condition or permit denial issued pursuant to approved or promulgated regulations for the review of new or modified stationary or indirect sources, shall render the person or governmental entity so failing to comply in violation of a requirement of an applicable implementation plan and subject to enforcement action under section 113 of the Clean Air Act. With regard to compliance schedules, a person or Governmental entity will be considered to have failed to comply with the requirements of this part if it fails to timely submit any required compliance schedule, if the compliance schedule when submitted does not contain each of the elements it is required to contain, or if the person or Governmental entity fails to comply with such schedule.

[39 FR 33512, Sept. 18, 1974]

§ 52.24 Statutory restriction on new sources.

(a) After June 30, 1979, no major stationary source shall be constructed or modified in any nonattainment area (as designated in 40 CFR Part 81, Subpart C) ("nonattainment area") to which any state implementation plan applies, if the emissions from such facility will cause or contribute to concentrations of any pollutant for which a national ambient air quality standard is exceeded in such area, unless, as of the time of application for a permit for such construction, such plan meets the requirements of part D, title I, of the Clean Air Act, as amended (42 USC 7501 *et seq.*) ("Part D").

(b) For any nonattainment area for which the SIP satisfies the requirements of Part D, permits to construct and operate new or modified major stationary sources may be issued only if the applicable SIP is being carried out for the nonattainment area in which the proposed source is to be constructed or modified in accordance with the requirements of Part D.

(c) The Emission Offset Interpretative Ruling, 40 CFR Part 51, Appendix S ("Offset Ruling"), rather than paragraphs (a) and (b), governs permits to construct and operate applied for before the deadline for having a revised SIP in effect that satisfies Part D. This deadline is July 1, 1979, for areas designated as nonattainment on March 3, 1978 (42 FR 8962). The revised SIP, rather than paragraph (a) of this section, governs permits applied for during a period when the revised SIP is in compliance with Part D.

(d) The restrictions in paragraphs (a) and (b) apply only to major stationary sources of emissions that cause or contribute to concentrations of the pollutant for which the nonattainment area was designated as nonattainment, and for which the SIP does not meet the requirements of Part D or is not being carried out in accordance with the requirements of Part D.

(e) For any area designated as nonattainment for any national ambient air quality standard, the restrictions in paragraphs (a) and (b) of this section, shall apply to any major stationary source or major modification that would be major for the pollutant for which the area is designated nonattainment, if the stationary source or major modification would be constructed anywhere in the designated nonattainment areas. A major stationary source or major modification that is major for volatile organic compounds is also major for ozone.

(f) The following definitions shall apply under this section.

(1) "Stationary source" means any building, structure, facility, or installa-

tion which emits or may emit any air pollutant subject to regulation under the Act.

(2) "Building, structure, facility or installation" means all of the pollutant-emitting activities which belong to the same industrial grouping, are located on one or more contiguous or adjacent properties, and are under the control of the same person (or persons under common control) except the activities of any vessel. Pollutant-emitting activities shall be considered as part of the same industrial grouping if they belong to the same "Major Group" (i.e., which have the same two-digit code) as described in the following document, *Standard Industrial Classification Manual, 1972,* as amended by the 1977 Supplement (U.S. Government Printing Office stock numbers 4101-0066 and 003-005-00176-0, respectively).

(3) "Potential to emit" means the maximum capacity of a stationary source to emit a pollutant under its physical and operational design. Any physical or operational limitation on the capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on amount of material combusted, stored, or processed, shall be treated as part of its design only if the limitation or the effect it would have on emissions is federally enforceable. Secondary emissions do not count in determining the potential to emit of a stationary source.

(4) (i) "Major stationary source" means:

(*a*) Any stationary source of air pollutants which emits, or has the potential to emit, 100 tons per year or more of any pollutant subject to regulation under the Act; or

(*b*) Any physical change that would occur at a stationary source not qualifying under paragraph (f)(5)(i)(*a*) of this section, as a major stationary source, if the change would constitute a major stationary source by itself.

(ii) A major stationary source that is major for volatile for organic compounds shall be considered major for ozone.

(5) (i) "Major modification" means any physical change in or change in the method of operation of a major stationary source that would result in a significant net emissions increase of any pollutant subject to regulation under the Act.

(ii) Any net emissions increase that is considered significant for volatile organic compounds shall be considered significant for ozone.

(iii) A physical change or change in the method of operation shall not include:

(*a*) Routine maintenance, repair, and replacement;

(*b*) Use of an alternative fuel or raw material by reason of an order under sections 2 (a) and (b) of the Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;

(*c*) Use of an alternative fuel by reason of an order or rule under section 125 of the Act;

(*d*) Use of an alternative fuel at a steam generating unit to the extent that the fuel is generated from municipal solid waste;

(*e*) Use of an alternative fuel or raw material by a stationary source which:

(*1*) The source was capable of accommodating before July 1, 1979, unless such change would be prohibited under any federally enforceable permit condition which was established after July 1, 1979 pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.18 or 40 CFR 51.24; or

(*2*) The source is approved to use under any permit issued under regulations approved pursuant to 40 CFR 51.18;

(*f*) An increase in the hours of operation or in the production rate, unless such change is prohibited under any federally enforceable permit condition which was established after July 1, 1979 pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.18 or 40 CFR 51.24.

(*g*) Any change in ownership at a stationary source.

(6) (i) "Net emissions increase" means the amount by which the sum of the following exceeds zero:

(*a*) Any increase in actual emissions from a particular physical change or change in the method of operation at a stationary source; and

(*b*) Any other increases and decreases in actual emissions at the source that are contemporaneous with the particular change and are otherwise creditable.

(ii) An increase or decrease in actual emissions is contemporaneous with the increase from the particular change only if it occurs between:

(*a*) The date five years before construction on the particular change commences and

(*b*) The date that the increase from the particular change occurs.

(iii) An increase or decrease in actual emissions is creditable only if the Administrator has not relied on it in issuing a permit for the source under regulations approved pursuant to 40 CFR 51.18 which permit is in effect when the increase in actual emissions from the particular change occurs.

(iv) An increase in actual emissions is creditable only to the extent that the new level of actual emissions exceeds the old level.

(v) A decrease in actual emissions is creditable only to the extent that:

(*a*) The old level of actual emissions or the old level of allowable emissions, whichever is lower, exceeds the new level of actual emissions;

(*b*) It is federally enforceable at and after the time that construction on the particular change begins; and

(*c*) The Administrator or reviewing authority has not relied on it in issuing any permit under regulations approved pursuant to 40 CFR 51.18 or the State has not relied on it in demonstrating attainment or reasonable further progress.

(*d*) It has approximately the same qualitative significance for public health and welfare as that attributed to the increase from the particular change.

(vi) An increase that results from a physical change at a source occurs when the emissions unit on which construction occurred becomes operational and begins to emit a particular pollutant. Any replacement unit that requires shakedown becomes operational only after a reasonable shakedown period, not to exceed 180 days.

(7) "Emissions unit" means any part of a stationary source which emits or would have the potential to emit any pollutant subject to regulation under the Act.

(8) "Secondary emissions" means emissions which would occur as a result of the construction or operation of a major stationary source or major modification, but do not come from the major stationary source or major modification itself. For the purpose of this section, secondary emissions must be specific, well defined, quantifiable, and impact the same general area as the stationary source or modification which causes the secondary emissions. Secondary emissions include emissions from any offsite support facility which would otherwise not be constructed or increase its emissions except as a result of the construction or operation of the major stationary source or major modification. Secondary emissions do not include any emissions which come directly from a mobile source, such as emissions from the tailpipe of a motor vehicle, from a train, or from a vessel.

(9) "Fugitive emissions" means those emissions which could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening.

(10) "Significant" means, in reference to a net emissions increase or the potential of a source to emit any of the following pollutants, a rate of emissions that would equal or exceed any of the following rates:

Pollutant and Emissions Rate

Carbon monoxide: 100 tons per year (tpy)
Nitrogen oxides: 40 tpy
Sulfur dioxide: 40 tpy
Particulate matter: 25 tpy
Ozone: 40 tpy of volatile organic compounds
Lead: 0.6 tpy

(11) "Allowable emissions" means the emissions rate of a stationary source calculated using the maximum rated capacity of the source (unless the source is subject to federally enforceable limits which restrict the operating rate, or hours of operation, or both) and the most stringent of the following:

(i) The applicable standards set forth in 40 CFR Parts 60 and 61;

(ii) Any applicable State Implementation Plan emissions limitation, including those with a future compliance date; or

(iii) The emissions rate specified as a federally enforceable permit condition, including those with a future compliance date.

(12) "Federally enforceable" means all limitations and conditions which are enforceable by the Administrator, including those requirements developed pursuant to 40 CFR Parts 60 and 61, requirements within any applicable State Implementation Plan, and any permit requirements established pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.18 and 51.24.

(13) (i) "Actual emissions" means the actual rate of emissions of a pollutant from an emissions unit, as determined in accordance with paragraphs (f) (ii) through (iv) of this section.

(ii) In general, actual emissions as of a particular date shall equal the average rate, in tons per year, at which the unit actually emitted the pollutant during a two-year period which precedes the particular date and which is representative of normal source operation. The Administrator shall allow the use of a different time period upon a determination that it is more representative of normal source operation. Actual emissions shall be calculated using the unit's actual operating hours, production rates, and types of materials processed, stored, or combusted during the selected time period.

(iii) The Administrator may presume that source-specific allowable emissions for the unit are equivalent to the actual emissions of the unit.

(iv) For any emissions unit which has not begun normal operations on the particular date, actual emissions shall equal the potential to emit of the unit on that date.

(14) "Construction" means any physical change or change in the method of operation (including fabrication, erection, installation, demolition, or modification) of an emissions unit which would result in a change in actual emissions.

(15) "Commence" as applied to construction of a major stationary source or major modification means that the owner or operator has all necessary preconstruction approvals or permits and either has:

(i) Begun, or caused to begin, a continuous program of actual on-site construction of the source, to be completed within a reasonable time; or

(ii) Entered into binding agreements or contractual obligations, which cannot be cancelled or modified without substantial loss to the owner or operator, to undertake a program of actual construction of the source to be completed within a reasonable time.

(16) "Necessary preconstruction approvals or permits" means those permits or approvals required under federal air quality control laws and regulations and those air quality control laws and regulations which are part of the applicable State Implementation Plan.

(17) "Begin actual construction" means, in general, initiation of physical on-site construction activities on an emissions unit which are of a permanent nature. Such activities include, but are not limited to, installation of building supports and foundations, laying of underground pipework, and construction of permanent storage structures. With respect to a change in method of operations, this term refers to those on-site activities other than preparatory activities which mark the initiation of the change.

(g) This section shall not apply to a major stationary source or major modification if the source or modification was not subject to 40 CFR Part 51 Appendix S, as in effect on January 16, 1979, and the owner or operator:

(1) Obtained all final federal, state, and local preconstruction approvals or permits necessary under the applicable State Implementation Plan before August 7, 1980;

(2) Commenced construction within 18 months from August 7, 1980, or any earlier time required under the applicable State Implementation Plan; and

(3) Did not discontinue construction for a period of 18 months or more and completed construction within a reasonable time.

(h) This section shall not apply to a source or modification that would be a major stationary source or major modification only if fugitive emissions, to the extent quantifiable, are considered in calculating the potential to emit of the stationary source or modification and the source does not belong to any of the following categories:

(1) Coal cleaning plants (with thermal dryers);

(2) Kraft pulp mills;

(3) Portland cement plants;

(4) Primary zinc smelters;

(5) Iron and steel mills;

(6) Primary aluminum ore reduction plants;

(7) Primary copper smelters;

(8) Municipal incinerators capable of charging more than 250 tons of refuse per day;

(9) Hydrofluoric, sulfuric, or nitric acid plants;

(10) Petroleum refineries;

(11) Lime plants;

(12) Phosphate rock processing plants;

(13) Coke oven batteries;

(14) Sulfur recovery plants;

(15) Carbon black plants (furnace process);

(16) Primary lead smelters;

(17) Fuel conversion plants;

(18) Sintering plants;

(19) Secondary metal production plants;

(20) Chemical process plants;

(21) Fossil-fuel boilers (or combination thereof) totaling more than 250 million British thermal units per hour heat input;

(22) Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels;

(23) Taconite ore processing plants;

(24) Glass fiber processing plants;

(25) Charcoal production plants;

(26) Fossil fuel-fired steam electric plants of more than 250 million British thermal units per hour heat input;

(27) Any other stationary source category which, as of August 7, 1980, is being regulated under section 111 or 112 of the Act.

(i) At such time that a particular source or modification becomes a major stationary source or major modification solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then:

(1) If the construction moratorium imposed pursuant to this section is still in effect for the nonattainment area in which the source or modification is located, then the permit may not be so revised; or

(2) If the construction moratorium is no longer in effect in that area, then the requirements of 40 CFR 51.18(j) shall apply to the source or modification as though construction had not yet commenced on the source or modification.

(j) This section does not apply to major stationary sources or major modifications locating in a clearly defined part of a nonattainment area (such as a political subdivision of a State), where EPA finds that a plan which meets the requirements of Part D is in effect and is being implemented in that part.

(k) For an area designated as nonattainment after July 1, 1979, the restrictions in paragraphs (a) and (b) of this section shall not apply prior to eighteen months after the date the area is designated as nonattainment. The Offset Ruling shall govern permits to construct and operate applied for during the period between the date of designation as nonattainment and either the date the Part D plan is approved or the date the restrictions in paragraphs (a) and (b) of this section apply, whichever is earlier.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(a)(2)(I) and (b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977))

[44 FR 38473, July 2, 1979, as amended at 45 FR 31312, May 13, 1980; 45 FR 52746, Aug. 7, 1980; 45 FR 65209, Oct. 2, 1980; 46 FR 41498, Aug. 17, 1981; 46 FR 50771, Oct. 14, 1981; 47 FR 27561, June 25, 1982]

EDITORIAL NOTE: The provisions of § 52.24 relating to air quality deterioration were stayed in part by a document published at 45 FR 31307, May 13, 1980.

§ 52.25 Date for Submission of Set II CTG Regulations.

Wherever the "Approval Status" section of a subpart states that continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements for sources covered by CTGs issued between January 1978 and January 1979 (Set II CTGs) by July 1, 1980, the date for adoption and submittal of Set II CTG regulations is revised to read January 1, 1981.

(Secs. 110(a), 172, Clean Air Act, as amended (42 U.S.C. 7410(a), 7502))

[45 FR 78122, Nov. 25, 1980]

Subpart B—Alabama

§ 52.50 Identification of plan.

(a) Title of plan: "Air Quality Implementation Plan for the State of Alabama."

(b) The plan was officially submitted on January 25, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Letter informing Governor of Florida of submittal of Alabama Implementation Plan submitted on March 21, 1972, by the Alabama Air Pollution Control Commission.

(2) Compliance schedules submitted on April 18, 1972, by the Alabama Air Pollution Control Commission.

(3) Clarifying comments on the plan submitted on April 28, 1972, by the Alabama Air Pollution Control Commission.

(4) Semi-annual report, miscellaneous non-regulatory additions to the plan, compliance schedules and miscellaneous regulatory additions to Chapters 3, 4, 5 and 9 submitted on February 15, 1973, by the Alabama Air Pollution Control Commission.

(5) Transportation control plans submitted on April 24, 1973, by the Alabama Air Pollution Control Commission.

(6) Miscellaneous non-regulatory additions to the plan submitted on June 29, 1973, by the Alabama Air Pollution Control Commission.

(7) Miscellaneous non-regulatory additions and complex source regulation, Chapter 10, submitted on September 26, 1973, by the Alabama Air Pollution Control Commission.

(8) Plan revisions to Chapter 5 concerning sulfur compound emissions submitted on October 31, 1973, by the Alabama Air Pollution Control Commission.

(9) Revision to Part 4.10, Primary Aluminum Plants, and redefinition of "Solid Particulate Matter" in section 1.2.1 submitted on May 27, 1974, by the Alabama Air Pollution Control Commission.

(10) AQMA identifications submitted on June 17, 1974, by the Alabama Air Pollution Control Commission.

(11) Coke oven regulations, Part 4.9 excluding section 4.9.4, submitted on June 20, 1974, by the Alabama Air Pollution Control Commission.

(12) Revised limits on particulate emissions from Portland cement plants, submitted on June 4, 1975, by the Alabama Air Pollution Control Commission.

(13) Revised limits on sulfur dioxide and sulfuric acid mist emissions from sulfuric acid plants, submitted on July 25, 1975, by the Alabama Air Pollution Control Commission.

(14) Revised area classification system for fuel combustion sources of sulfur dioxide and initial classification of Counties, submitted on May 1 and October 9, 1975, respectively, by the Alabama Air Pollution Control Commission.

(15) Revised emergency level for photochemical oxidants (emergency episode control plan) submitted by the Alabama Air Pollution Control Commission on April 23, 1976.

(16) Revised SO_2 emissions from gas processing plants submitted by the Alabama Air Pollution Control Commission on July 21, 1976.

(17) Regulations equivalent to EPA's New Source Performance Standards (40 CFR Part 60) and continuous monitoring requirements for existing stationary sources (40 CFR 51.19), submitted by the Alabama Air Pollution Control Commission on October 28, 1976.

(18) Revised regulations for the charging and pushing of coke in existing conventional batteries, submitted by the Alabama Air Pollution Control Commission on July 14, 1978.

(19) Part 4.12, dealing with particulate emissions from xylene oxidation, submitted by the Alabama Air Pollution Control Commission on September 13, 1978.

(20) 1979 implementation plan revisions for nonattainment areas (TSP and ozone), submitted on April 19, 1979, (as clarified by a letter of August 10, 1979), by the Alabama Air Pollution Control Commission.

(21) Revisions in permit regulations as follows: (i) Title of 16.3.2. is changed to "Permits to Construct in or near Nonattainment Areas;" (ii) a subparagraph (9), "Significant Impact," is added to paragraph 16.3.2.(b); (iii) paragraph 16.3.2.(c) is revised; and (iv) subparagraph 16.3.2.(d)(5) is deleted; these revisions were adopted on February 13, 1980, and submitted on February 20, 1980, by the Alabama Air Pollution Control Commission to correct deficiencies in the Part D revisions given conditional approval by EPA on November 26, 1979.

(22) 1979 implementation plan revisions for sulfur dioxide nonattainment areas in Colbert, Lauderdale, and Jackson Counties, adopted on August 28, 1979, and submitted on September 6, 1979 by the Alabama Air Pollution Control Commission.

(23) Request for an 18-month extension of the statutory deadline for submitting a plan to attain and maintain the secondary standard for sulfur dioxide in the Jackson County nonattainment area, submitted on September 6, 1979, by the Alabama Air Pollution Control Commission.

(24) Revision to the State Implementation Plan to delete the indirect source regulations submitted by the Alabama Air Pollution Control Commission on December 12, 1978.

(25) Revised emergency episode control plan, updating procedures and raising the alert level for ozone from 0.10 ppm to 0.15 ppm, submitted by the Alabama Air Pollution Control Commission on January 11, 1980.

(26) Revision to the State Implementation Plan for an air quality surveillance network was submitted by the Alabama Air Pollution Control Commission on January 9, 1980.

(27) Alternative compliance schedules for nine sources of volatile organic compounds, submitted by the Alabama Air Pollution Control Commission on July 3, 1980.

(28) Revisions to Chapter 6 of the Alabama Rules and Regulations were submitted by the Alabama Air Pollution Control Commission on April 1, 1981.

(29) Alternative TSP control strategy for 3M Company's Guin plant, submitted on February 4, 1981, by the Alabama Air Pollution Control Commission.

(30) Revisions in Chapters 12 and 13, adopting Federal NSPS and NESHAPS regulations by reference, submitted by the Alabama Air Pollution Control Commission on June 26, 1981.

(31) Alternative compliance schedules for VOC sources, submitted on June 25, 1981, by the Alabama Air Pollution Control Commission.

(32) Regulations providing for prevention of significant deterioration (additions to Chapter 16 of the Alabama regulations), submitted on January 29, 1981, by the Alabama Air Pollution Control Commission.

(33) Alternative particulate control requirements for Kimberly-Clark Corporation's #3 bark boiler, Coosa Pines (revisions in Part 4.8 of the Alabama regulations), submitted by the Alabama Air Pollution Control Commission on February 4 and August 31, 1981.

(34) Request for 18-month extension of the deadline for submitting a plan to attain and maintain the secondary ambient standard for particulate matter in the Etowah County nonattainment area, submitted on May 19, 1981, by the Alabama Air Pollution Control Commission.

(35) Revision for Jackson County secondary sulfur dioxide nonattainment area, submitted on June 9, 1980, by the Alabama Air Pollution Control Commission.

(Secs. 110, 161, 172, Clean Air Act (42 U.S.C. 7410, 7471, 7502))

Editorial Note: For Federal Register citations to § 52.50, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.51 Classification of regions.

The Alabama plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Alabama & Tombigbee Rivers Intrastate	II	III	III	III	III
Columbus (Georgia)-Phenix City (Alabama) Interstate	I	III	III	III	III
East Alabama Intrastate	I	III	III	III	III
Metropolitan Birmingham Intrastate	I	II	III	I	I
Mobile (Alabama)-Pensacola-Panama City (Florida)-Southern Mississippi Interstate	I	I	III	III	I
Southeast Alabama Intrastate	II	III	III	III	III
Tennessee River Valley (Alabama)-Cumberland Mountains (Tennessee) Interstate	I	I	III	III	III

[37 FR 10847, May 31, 1972]

§ 52.52 Extensions.

(a) The Administrator hereby extends for 18 months (until July 1, 1980) the statutory deadline for submittal of a plan to attain and maintain the secondary sulfur dioxide standard in Jackson County.

(b) The Administrator hereby extends for 18 months (until December 10, 1982) the deadline for submittal of a plan to attain and maintain the secondary ambient standard for particulate matter in the Etowah County nonattainment area.

(Sec. 110, Clean Air Act (42 U.S.C. 7410))

[46 FR 55107, Nov. 6, 1981, as amended at 46 FR 63044, Dec. 30, 1981]

§ 52.53 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Alabama's plans for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plans satisfy all requirements of Part D, Title I, of the Clean Air Act as amended in 1977. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(Secs. 110, 172, Clean Air Act (42 U.S.C. 7410, 7502))

[45 FR 37431, June 3, 1980]

§ 52.54 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained.[1]

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[1] Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.24 (1978).

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Alabama and Tombigbee Rivers—Intrastate	(c)	(a)	(d)	(d)	(d)	(d)	(d)
Columbus (Georgia)-Phenix City (Alabama) Interstate:							
a. Russell County	(a)	(a)	(d)	(d)	(d)	(d)	(c)
b. Rest of AQCR	(a)	(a)	(d)	(d)	(d)	(d)	(d)
East Alabama Intrastate	(a)	(a)	(d)	(d)	(d)	(d)	(d)
Metropolitan Birmingham Intrastate:							
a. Jefferson County *	(a)	(a)	(d)	(d)	(d)	May 31, 1975	(e)
b. Rest of AQCR	(a)	(a)	(d)	(d)	(d)	May 31, 1975	(d)
Mobile (Alabama)-Pensacola-Panama City (Florida)-Southern Mississippi Interstate:							
a. Mobile County *	(c)	(f)	(a)	(a)	(d)	(d)	(c)
b. Rest of AQCR	(a)	(a)	(a)	(a)	(d)	(d)	May 31, 1975.
Southeast Alabama Intrastate	(c)	(a)	(d)	(d)	(d)	(d)	(d)
Tennessee River Valley (Alabama)-Cumberland Mountains (Tennessee) Interstate:							
a. Colbert County *	(a)	(a)	(a)	(a)	(d)	(d)	(d)
b. Jackson County *	(a)	(a)	(a)	(b)	(d)	(d)	(d)
c. Lauderdale County *	(a)	(a)	(a)	(d)	(d)	(d)	(d)
d. Madison County	(a)	(a)	(a)	(a)	(d)	(d)	(c)
e. Morgan County	(a)	(a)	(a)	(a)	(d)	(d)	(c)
f. Rest or AQCR	(a)	(a)	(a)	(a)	(d)	(d)	(d)

* For more precise delineation, see § 81.301 of this chapter.

[a] July 1975.

[b] 5 years from plan approval or promulgation.

[c] Air quality levels presently below primary standards or area is unclassifiable.

[d] Air quality levels presently below secondary standards or area is unclassifiable.

[e] December 31, 1982.

[f] June 1987.

[g] April 1, 1983.

[h] 18-month extension granted.

[44 FR 67379, Nov. 26, 1979, as amended at 46 FR 55107, Nov. 6, 1981]

§ 52.55 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as meeting the requirements of §§ 51.6 and 51.15 of this chapter. All regulations cited are air pollution control regulations of the State.

ALABAMA

Source	Location	Regulation involved	Date of adoption	Effective	Final compliance date
American Can Co., Permit No.:					
101-0001-W001	Naheola	4.7.2	Dec. 21, 1972	Immediately	May 31, 1975.
101-0001-W002	do	4.7.2	do	do	Do.
101-0001-W003	do	4.7.2	do	do	Do.
101-0001-W006	do	4.7.2	do	do	Do.
B. H. Harmarr Construction Co. (Asphalt Engineers, Inc.) Permit No.: 104-0007-W001.	Selma	4.4.2	Jan. 27, 1973	do	Jan. 1, 1974.
Gulf States Paper Corp., Permit No.: 105-0001- W002.	Demopolis	4.7.2	Feb. 6, 1973	do	May 31, 1975.
Claiborne Lime Plant, Permit No.: 106-0001- W001.	Claiborne	4.4.2	May 25, 1974	do	June 1, 1974.
Robinson & Smith Lumber Co., Inc., Permit No.: 205-S003-W001.	Wetumpka	3.1	Sept. 25, 1973	do	June 30, 1974.

ALABAMA—Continued

Source	Location	Regulation involved	Date of adoption	Effective	Final compliance date
Opelika Foundry, Permit No.: 206-0004-W001.	Opelika	4.5.1	Sept. 6, 1974	do	Aug. 31, 1974.
Buchanan Lumber Co., Inc., Permit No.: 209-S003- W001.	Montgomery	3.3.4	Jan. 8, 1974	do	Jan. 1, 1974.
West Point Pepperell, Permit No.:					
206-0007-W001		4.3.1,5.1.1	Jan. 8, 1973	do	May 31, 1975.
206-0007-W002		4.3.1,5.1.1	do	do	Do.
206-0007-W003		4.3.1,5.1.1	do	do	Do.
206-0007-W004		4.3.1,5.1.1	do	do	Do.
Capital Veneer Works Inc., Permit No.: 209-S007- W001.	Montgomery	4.8.2	do	do	Mar. 3, 1973.
Vulcan Materials Co., Southeast Division, Permit No.: 209 0014-W001.	do	4.4.1	June 12, 1973	do	Sept. 1, 1973.
Alabama Pipe Co., Permit No.:					
301-0012-W001	Anniston	4.5.1	Mar. 3, 1974	do	Feb. 31, 1975.
301-0014-W003	do	4.5.1	July 24, 1973	do	Apr. 30, 1973.
301-0014-W004	do	4.5.1	do	do	Do.
301-0015-W001	do	4.4.1	Mar. 5, 1974	do	May 31, 1974.
301-0015-W002	do	4.4.1	do	do	Do.
Dixie Clay Co., Permit No.:					
301-0002-W001	Jacksonville	4.4.1	do	do	June 30, 1974.
301-0002-W002	do	4.4.1	do	do	Do.
301-0002-W003	do	4.4.1	do	do	Do.
301-0002-W004	do	4.4.1	do	do	Do.
Donoho Clay Co., Permit No.: 301-0003-W002.	Anniston	4.4.1	Dec. 21, 1972	do	Dec. 31, 1974.
Dresser Manufacturing Division, Dresser Industries, Inc., Permit No.:					
301-0006-W001	do	4.5.1	Mar. 5, 1974	do	Sept. 1, 1974.
301-0006-W002	do	4.5.1	do	do	Do.
301-0006-W003	do	4.4.1	do	do	Mar. 31, 1975.
Kilby Steel—Division of FMC Corp., Permit No.:					
301-0022-W001	do	4.4.1	do	do	May 31, 1974.
301-0022-W002	do	4.4.1	do	do	Do.
301-0022-W003	do	4.4.1	do	do	Do.
Lee Brothers Co., Permit No.:					
301-0005-W001	do	4.4.1	May 25, 1974	do	Aug. 1, 1974.
301-0005-W010	do	4.4.1	May 24, 1974	do	May 30, 1975.
301-0005-W011	do	4.4.1	do	do	Do.
301-0005-W012	do	4.4.1	do	do	Do.
301-0005-W013	do	4.4.1	do	do	Do.
301-0005-W014	do	4.4.1	do	do	Do.
301-0005-W015	do	4.4.1	do	do	Do.
301-0005-W016	do	4.4.1	do	do	Do.
301-0005-W017	do	4.4.1	do	do	Do.
301-0005-W018	do	4.4.1	do	do	Do.
301-0005-W019	do	4.4.1	do	do	Do.
Kimberly Clarke Corp., Permit No. 304-S001-W001.	Mellow Valley	3.3.4	Mar. 5, 1974	do	April 1, 1974.
West Point Pepperell, Permit No.:					
302-0003-W005		4.3.2	Feb. 6, 1973	do	May 30, 1975.
302-0004-W006		4.3.2	do	do	Do.
302-0004-W007		4.3.2	do	do	Do.
302-0006-W008		4.3.2	do	do	Do.
302-0006-W009		4.3.2	do	do	Do.
Republic Steel, Permit No.: 307-0008-W034.	Gadsden	4.4.1	Dec. 11, 1972	do	May 31, 1975.
Unexcelled Manufacturing Division, Permit No.: 307-0009-W002.	Attalla	4.5.1,7.1	Apr. 24, 1973	do	May 1, 1974.
Alabama Calcium Products, Division of G. A. Marble Co., Permit No.:					
309-0001-W001	Gantt's Quarry	4.4.1	May 24, 1974	do	June 15, 1974.
309-0001-W002	do	4.4.1	do	do	Aug. 15, 1974.

ALABAMA—Continued

Source	Location	Regulation involved	Date of adoption	Effective	Final compliance date
Newbury Manufacturing Co., Permit No.:					
309-0010-W001	Talladega	4.5.1	Nov. 27, 1973	do	Aug. 1, 1974.
309-0010-W002	do	4.5.1	do	do	Do.
309-0010-W003	do	4.4.1	do	do	Do.
309-0010-W004	do	4.4.1	Dec. 11, 1972	do	Apr. 1, 1973.
Talladega Foundry Machine Co., Permit No.: 309-0011-W001.	do	4.5.1	Mar. 5, 1974	do	Jan. 31, 1975.
Russell Pipe & Foundry Co., Inc., Permit No.: 310-0007-W001.	Alexander City	4.5.1,7.1	July 29, 1974	do	Aug. 15, 1974.
Southern Stone Co., Permit No.:					
401-0007-W001	Woodstock	4.4.1	do	do	Apr. 1, 1974.
401-0007-W002	do	4.2.1,4.2.2	do	do	Do.
401-0007-W003	do	4.2.1,4.2.2	do	do	Do.
401-0007-W004	do	4.2.1,4.2.2	do	do	Do.
401-0007-W005	do	4.2.1,4.2.2	do	do	Do.
401-0007-W006	do	4.2.1,4.2.2	do	do	Do.
401-0007-W007	do	4.2.1,4.2.2	do	do	Aug. 15, 1974.
401-0007-W008	do	4.2.1,4.2.2	do	do	Do.
401-0007-W009	do	4.2.1,4.2.2	do	do	Jan. 1, 1974.
Fayco, Inc., Permit No.: 404-0003-W001.	Fayette	4.4.1	Nov. 27, 1973	do	July 15, 1974.
Summerville Bros. Lumber Co., Inc., Permit No.: 409-S010-W001.	Aliceville	3.3.4	do	do	June 1, 1974.
Alabama Refractory Clay Co., Permit No. 411-0020- W002.	Montevallo	4.4.1	May 24, 1974	do	Sept. 15, 1974.
Cheney Lime & Cement Co., Permit No. 411-0019-W001.	Landmark	4.4.1	Jan. 8, 1973	do	
Longview Lime Co., Permit No.:					
411-0002-W001	Saginaw	4.4.1	May 24, 1974	do	Dec. 15, 1974.
411-0002-W002	do	4.4.1	do	do	Do.
Montevallo Limestone Co., Permit No.: 411-0014-W002	Montevallo	4.2.1,4.2.2	Mar. 27, 1973	do	Apr. 9, 1973.
Southern Foundry Co., Permit No.: 411-0006- W001.	Calera	4.5.1	Mar. 5, 1974	do	Jan. 1, 1975.
Southern Stone Co., Permit No.:					
411-0009-W001	Maylene	4.2.1, 4.2.2	Jan. 8, 1973	do	June 1, 1974.
411-0009-W002	do	4.2.1,4.2.2	do	do	Do.
U.S. Gypsum Co. (Allied Production Co.), Permit No.:					
411-0008-W002	Montevallo	4.4.1	Mar. 5, 1974	do	Apr. 1, 1975.
411-0008-W003	do		do	do	May 31, 1975.
Tombigbee Lightweight Aggregate Corp., Permit No.:					
412-0009-W001	Livingston	4.4.1	Sept. 25, 1973	do	Nov. 30, 1973.
412-0005-W003	do	4.4.1	do	do	Do.
Alabama Power Co., Gorgas Electric Generating Plant, Permit No.: 414-0001- W003.	Parrish	4.3.1,5.1.1, 5.1.2	June 12, 1973	do	May 31, 1975.
Warren Brothers Co., Permit No.: 705-0006- W001.	Scottsboro	4.4.1	May 24, 1974	do	May 30, 1974.
Mosaic Tile Co., Permit No.:					
706-0004-W001	Florence	4.4.1	Dec. 11, 1972	do	Aug. 1, 1974.
706-0004-W002	do	4.4.1	do	do	Do.
706-0004-W003	do	4.4.1	do	do	Do.
706-0004-W004	do	4.4.1	do	do	Do.
The Thomas Alabama Kaolin Co., Permit No.: 710-0005-W001.	Hackleburg	4.4.1	do	do	Dec. 31, 1974.
C. A. Langford Co., Inc., Permit No.:					
711-0002-W001	Guntersville	4.4.1	do	do	Apr. 1, 1974.
711-0002-W002	do	4.2.1,4.2.2	Jan. 8, 1973	do	Dec. 15, 1973.
Amoco Chemicals Corp., Permit No.:					
712-0002-W010	Decatur	4.4.1	do	do	Do.
712-0002-W014	do	4.4.1	Mar. 5, 1974	do	Dec. 31, 1974.
G & W Asphalt Co., Inc., Permit No.: 712-0007- W001.	do	4.4.1	do	do	May 15, 1973.

ALABAMA—Continued

Source	Location	Regulation involved	Date of adoption	Effective	Final compliance date
Trinity Stone Co., Inc. (Trinity Quarries Inc.), Permit No.: 712-0012-W004.	Trinity	4.2.1,4.2.2	Dec. 11, 1972	do	June 19, 1973.
Trinity Stone Co., Inc. (Trinity Quarries, Inc.), Permit No.: 712-0013-W001.	Hulaco	4.2.1,4.2.2	Mar. 5, 1974	do	May 15, 1974.
Trinity Stone Co., Inc. (Trinity Quarries, Inc.), Permit No.:					
712-0014-W001	Lacon	4.2.1,4.2.2	do	do	Do.
712-0014-W002	do	4.2.1,4.2.2	do	do	Do.
JEFFERSON COUNTY					
American Cast Iron Pipe Co., Permit No.:					
407-0030-2107	Birmingham	6.1,6.4	June 19, 1974	Apr. 1, 1975	Sept. 30, 1974.
407-0030-2108	do	6.4	do	do	May 31, 1975.
407-0030-2109	do	6.4	do	do	Do.
407-0030-2110	do	6.4	do	do	Do.
407-0030-2111	do	6.4	do	do	Do.
407-0030-2112	do	6.4	do	do	Do.
407-0030-2113	do	6.4	do	do	Do.
407-0030-2119	do	6.1,6.4,9.1	July 18, 1973	do	Aug. 1, 1974.
407-0030-2120	do	6.1,6.4,9.1	do	do	Do.
407-0030-2121	do	6.1,6.4,9.1	do	do	Do.
407-0030-2122	do	6.1,6.4,9.1	July 18, 1974	do	Do.
407-0030-2123	do	6.1,6.4,9.1	do	do	Do.
407-0030-2124	do	6.1,6.4,9.1	Dec. 19, 1973	do	Aug. 31, 1974.
407-0030-2125	do	6.1,6.4,9.1	do	do	Do.
407-0030-2126	do	6.1,6.4,9.1	do	do	Do.
407-0030-2127	do	6.1,6.4,9.1	do	do	Do.
Barry Pattern Foundry Co., Permit No.: 407-0040-3101	do	6.1,6.5,9.1	do	do	Apr. 1, 1975.
Birmingham Stove & Range, Permit No.: 407-0060-2502.	do	6.1,6.4,9.1	Oct. 17, 1973	do	Jan. 31, 1975.
Bristol Steel & Iron Works, Permit No.:					
407-0229-2101	Bessemer	6.1	Feb. 20, 1974	do	July 31, 1974.
407-0229-2501	do	6.2	do	do	Do.
Buchanan Lumber Co., Permit No.: 407-0065-2201.	Birmingham	6.1,6.4	do	do	Oct. 1, 1974.
W. J. Bullock, Inc., Permit No.:					
407-0068-2101	Fairfield	6.1,6.4	Apr. 10, 1974	do	June 15, 1974.
407-0068-2102	do	6.1,6.4	do	do	Do.
407-0068-2103	do	6.4	Feb. 20, 1974	do	Jan. 31, 1975.
407-0068-2104	do	6.4	do	Do.	
407-0068-2106	do	6.4	Apr. 10, 1974	do	July 1, 1974.
Caldwell Foundry & Machine Co., Permit No.:					
407-0470-2101	Birmingham	6.4	May 15, 1974	do	Mar. 1, 1975.
407-0470-2102	do	6.1,6.4	do	do	Do.
Caldwell Foundry & Machine Co., Permit No.: 407-0471-2101.	Leeds	6.1,6.4	Apr. 10, 1974	do	June 15, 1974.
Celotex Corp., Permit No.:					
407-0069-2102	Birmingham	6.4	May 15, 1974	do	Jan. 17, 1974.
407-0069-2103	do	6.4	do	do	Do.
Continental Can Co., Inc., Permit No.:					
407-0084-3101	Fairfield	6.1	Feb. 20, 1974	do	Mar. 1, 1975.
407-0084-3103	do	6.1	do	do	Do.
407-0084-3104	do	6.1	do	do	May 17, 1974.
Continental Can Co., Inc., Permit No.:					
407-0085-3101	do	6.1,6.4	June 19, 1974	do	Aug. 17, 1974.
407-0085-3104	do	6.1	Feb. 20, 1974	do	Nov. 15, 1974.
Cosper Foundry, Permit No.:					
407-0100-2101	Birmingham	6.1,6.5,9.1	Dec. 19, 1973	do	Dec. 31, 1974.
407-0100-2102	do	6.4	do	do	Sept. 30, 1974.

ALABAMA—Continued

Source	Location	Regulation involved	Date of adoption	Effective	Final compliance date
Fairmont Foundry Co., Permit No.: 407-0130-2101.	do	6.1,6.5,9.1	Oct. 1, 1973	do	May 11, 1975.
Goslin-Birmingham, Inc., Permit No.: 407-0139-2101.	do	6.1,6.4	May 15, 1974	do	Nov. 16, 1974.
Lone Star Cement (Citadel), Permit No.:					
407-0210-2502	do	6.1,6.4	do	do	Nov. 15, 1974.
407-0210-2503	do	6.1,6.4	do	do	Do.
407-0210-2504	do	6.1,6.4	do	do	Do.
McWane Cast Iron Pipe Co., Permit No.:					
407-0220-2101	do	6.1	do	do	Mar. 31, 1975.
407-0220-2102	do	6.1,6.4	do	do	May 31, 1975.
Stockton Valve & Fitting Co., Permit No.:					
407-0270-2503	do	6.4	Dec. 19, 1973	do	Apr. 1, 1974.
407-0270-2504	do	6.1,6.4,9.1	do	do	Sept. 1, 1974.
U.S. Gypsum Co., Permit No.:					
407-0300-2501	do	6.4	Apr. 10, 1974	do	Apr. 15, 1974.
U.S. Pipe & Foundry Co., Permit No.:					
407-0350-2301	do	6.3	Oct. 17, 1973	do	Nov. 1, 1974.
407-0350-2303	do	6.3	do	do	Do.
407-0350-2304	do	6.3	do	do	Do.
407-0350-2310	do	6.3	do	do	Do.
407-0350-2311	do	6.3	do	do	Do.
407-0350-2312	do	6.3	do	do	Do.
U.S. Steel Corp., Permit No.:					
407-0370-2101	Fairfield	6.1,6.4	June 19, 1974	do	Aug. 15, 1974.
407-0370-2102	do	6,1.6.4	do	do	Do.
407-0370-2103	do	6.1,6.4	do	do	Do.
407-0370-2104	do	6.1,6.4	do	do	July 31, 1974.
407-0370-2105	do	6.1,6.4	do	do	Aug. 31, 1974.
407-0370-2106	do	6.1,6.4	do	do	Dec. 1, 1974.
407-0370-2107	do	6.1,6.4	do	do	Do.
407-0370-2108	do	6.1,6.4	do	do	Do.
407-0370-2109	do	6.1,6.4	do	do	Do.
Vulcan Materials Co., Southeast Division, Permit No.: 407-0410-2502.	Parkwood	6.1,6.4	May 15, 1974	do	July 15, 1974.
Vulcan Materials Co., Southeast Division, Permit No.:					
407-0420-2103	Wylan	6.1,6.4	Feb. 20, 1974	do	Sept. 1, 1974.
407-0420-2501	do	6.1,6.4	do	do	Do.
Alabama Power Co., Permit No.:					
503-1002-0001	Chickasaw	6.3.1,7.1	Oct. 26, 1973	Immediately	May 31, 1975.
530-1002-0003	do	6.3.1,7.1	do	do	Do.
503-1002-0005	do	6.3.1,7.1	do	do	Do.
Amerada Hess Corp., Permit No.:					
503-3013-8407	Mobile	8.1.1	Dec. 15, 1972	do	Dec. 1, 1974.
503-3013-8408	do	8.1.1	do	do	Do.
503-3013-8409	do	8.1.1	do	do	Do.
503-3013-8410	do	8.1.1	do	do	Do.
Citmoco Services, Inc., Permit No.:					
503-3011-8401	do	8.1.1	Feb. 25, 1974	do	Sept. 25, 1974.
503-3011-8402	do	8.1.1	do	do	Do.
503-3011-8403	do	8.1.1	do	do	Do.
Ergon, Inc., Permit No.: 503-3034-8701.	Buicks	8.1.1	June 18, 1973	do	Oct. 1, 1974.
GAF Corp., Permit No.:					
503-6004-0014	Mobile	8.6.1	June 25, 1974	do	Sept. 30, 1974.
503-8004-0015	do	8.6.1	do	do	Do.
Gold Bond Building Product, Permit No.:					
503-2002-0001	do	6.4.1	Feb. 2, 1973	do	May 31, 1975.
503-2002-0002	do	6.4.1	do	do	Do.
503-2002-0004	do	6.4.1	do	do	Do.
503-2002-0005	do	6.4.1	do	do	Do.

ALABAMA—Continued

Source	Location	Regulation involved	Date of adoption	Effective	Final compliance date
Alabama Refining Co. (Marion Corp. Refining Division), Permit No.:					
503-4001-8408	Theodore	8.1.1	Jan. 23, 1974	do	Aug. 1, 1974.
503-4001-8409	do	8.1.1	do	do	Do.
504-4001-8410	do	8.1.1	do	do	Do.
503-4001-8411	do	8.1.1	do	do	Do.
503-4001-8412	do	8.1.1	do	do	Do.
530-4001-8413	do	8.1.1	do	do	Do.
503-4001-8414	do	8.1.1	do	do	Do.
503-4001-8415	do	8.1.1	do	do	Do.
Mobile Pulley & Machine Works, Permit No.:					
503-0004-0001	Mobile	6.4.1	May 31, 1974	do	Dec. 15, 1974.
503-0004-0002	do	6.4.19	do	do	Do.
503-0004-0003	do	6.4.1	do	do	Do.
503-0004-0005	do	6.4.1	do	do	Do.
Oyster Shell Products, Permit No.: 503-8009-0001.	do	6.4.1	Dec. 15, 1972	do	Aug. 31, 1974.
Gold Bond Building Products, Permit No.: 503-2002-0006..	do	6.4.1	June 25, 1974	do	Dec. 30, 1974.
International Paper Co., Permit No.:					
503-2005-0012	do	6.7	Feb. 2, 1973	do	May 31, 1975.
503-2005-0013	do	6.3	do	do	Do.
503-2005-0014	do	6.3	do	do	Do.
503-2005-0015	do	6.3	do	do	Do.
503-2005-0016	do	6.3	do	do	Do.
503-2005-0017	do	6.3	do	do	Do.
Scott Paper Co., Permit No.:					
503-2012-0002	do	6.6	do	do	Mar. 1, 1975.
503-2012-0003	do	6.6	do	do	Do.
503-2012-0004	do	6.6	do	do	Apr. 15, 1975.
503-2012-0005	do	6.6	do	do	Aug. 1, 1974.
503-2012-0006	do	6.6	do	do	Jan. 1, 1975.
503-2012-0007	do	6.6	do	do	Do.
503-2012-0008	do	6.6	do	do	Do.
503-2012-0010	do	6.6	Apr. 12, 1974	do	May 31, 1975.
503-2012-0011	do	6.6	do	do	Do.
503-2012-0012	do	6.6	Feb. 2, 1973	do	Do.
503-2012-0023	do	6.3	do	do	Do.
Scott Paper Co., Permit No.:					
503-2012-0024	do	6.3	do	do	Do.
503-2012-0025	do	6.3	do	do	Do.
503-2012-0026	do	6.7	do	do	Do.

[40 FR 10988, Mar. 10, 1975]

§ 52.56 [Reserved]

§ 52.57 Control strategy: Sulfur oxides.

(a) The requirements of § 51.13 of this chapter are not met since the Alabama plan does not provide for attainment and maintenance of the national standards for sulfur oxides in the vicinity of the Widows Creek Power Plant in Jackson County, Alabama. Therefore, Part 5.1, Fuel Combustion, of Chapter 5, Control of Sulfur Compound Emissions, of the rules and regulations of the State of Alabama, as adopted by the Alabama Air Pollution Control Commission on May 29, 1973, and amended on March 25, 1975, which is part of the revised sulfur oxide control strategy, is disapproved as it applies to the Widows Creek Plant. Part 5.1 of the Alabama rules and regulations as adopted on January 18, 1972, remains the implementation plan regulation applicable to that source.

[41 FR 42674, Sept. 28, 1976]

§ 52.58 [Reserved]

§ 52.59 Maintenance of national standards.

(a) The areas listed below which were identified by the State of Alabama are hereby identified by the Administrator pursuant to § 51.12, paragraphs (e) and (f), of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Birmingham Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Jefferson County.
Walker County.

(2) Gadsden Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Etowah County.

(3) Mobile Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Mobile County.

[40 FR 18733, Apr. 29, 1975]

§ 52.60 Significant deterioration of air quality.

(a)—(b) [Reserved]

(c) All applications and other information required pursuant to § 52.21 from sources located in the State of Alabama shall be submitted to the Division of Air Pollution Control, Alabama Air Pollution Control Commission, 645 South McDonough Street, Montgomery, Alabama 36103, rather than to EPA's Region IV Office.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[42 FR 22869, May 5, 1977, as amended at 46 FR 55518, Nov. 10, 1981]

Subpart C—Alaska

§ 52.70 Identification of plan.

(a) Title of plan: "State of Alaska Air Quality Control Plan."

(b) The plan was officially submitted on April 25, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Modifications to the implementation plan including a revision to Title 18, Chapter 50, section 160 and other nonregulatory provisions submitted on June 22, 1972, by the Governor.

(2) Compliance schedules submitted on August 2, 1973, by the State of Alaska Department of Environmental Conservation.

(3) Compliance schedules submitted on August 23, 1973, by the State of Alaska Department of Environmental Conservation.

(4) Compliance schedules submitted on September 30, 1975, by the State of Alaska Department of Environmental Conservation.

(5) Compliance schedules submitted on January 6, 1976, by the State of Alaska Department of Environmental Conservation.

(6) Compliance schedules submitted on September 30, 1975, by the State of Alaska Department of Environmental Conservation.

(7) Revisions to the SIP including Part D nonattainment plans and modifications to Title 18 Chapter 50 Alaska Annotated Code to provide for Part C Prevention of Significant Deterioration (PSD) section 111 New Source Performance Standards (NSPS) and section 110(a)(2)(D) (Preconstruction Review) were submitted June 29, 1979.

(8) Revisions to the June 29, 1979 submission to further modify 18AAC 50 and to include Part D New Source Review (NSR).

(9) On January 20, 1980, the State of Alaska Department of Environmental Conservation submitted a plan revi-

sion to meet the requirements of Air Quality Monitoring 40 CFR Part 58, Subpart C, § 58.20.

(Secs. 110(a) and 172 of the Clean Air Act as amended (42 U.S.C. 7410(a) and 7502))

[37 FR 10848, May 31, 1972, as amended at 41 FR 8957, Mar. 2, 1976; 41 FR 49636, Nov. 10, 1976; 42 FR 8375, Feb. 10, 1977; 45 FR 85748, Dec. 30, 1980; 46 FR 21994, Apr. 15, 1981]

§ 52.71 Classification of regions.

The Alaska plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Cook Inlet Intrastate	I	III	III	I	III
Northern Alaska Intrastate	I	III	III	I	III
South Central Alaska Intrastate	III	III	III	III	III
Southeastern Alaska Intrastate	III	IA	III	III	III

(Secs. 110(a) and 172 of the Clean Air Act as amended (42 U.S.C. 7410(a) and 7502))

[37 FR 10848, May 31, 1972, as amended at 46 FR 10911, Feb. 5, 1981]

§ 52.72 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Alaska's plan for the attainment and maintenance of the national standards. The State included in the plan a regulation prohibiting idling of unattended motor vehicles. However, the plan stated that this regulation was included for informational purposes only, and was not to be considered part of the control strategy to implement the national standards for carbon monoxide. Accordingly, this regulation is not considered a part of the applicable plan.

[37 FR 15080, July 27, 1972]

§ 52.73 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the legal authority to provide for public availability of emission data is inadequate.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1 through June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be re-

tained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[39 FR 34535, Sept. 26, 1974, as amended at 40 FR 55327, Nov. 28, 1975]

§ 52.74 Legal authority.

(a) The requirements of § 51.11 of this chapter are not met since in:

(1) Cook Inlet Air Resources Management District:

(i) Authority to require recordkeeping is inadequate (§ 51.11(a)(5) of this chapter).

(ii) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(iii) Authority to make emission data available to the public is inadequate (§ 51.11(a)(6) of this chapter).

(iv) Authority to obtain injunctions is inadequate (§ 51.11(a)(2) of this chapter).

(2) Fairbanks North Star Borough:

(i) Authority to obtain injunctions is inadequate (§ 51.11(a)(2) of this chapter).

(ii) Authority to require recordkeeping is inadequate (§ 51.11(a)(5) of this chapter).

(iii) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(iv) Authority to make emissions data available to the public is inadequate since 45.05130 of the Fairbanks North Star Borough ordinance could require it to be confidential (§ 51.11(a)(6) of this chapter).

(v) Authority to abate emergency air pollution episodes is inadequate because 45.05.100 of the Fairbanks North Star Borough ordinance is limited to generalized conditions of air pollution and because the order of the Commission is subject to review de novo (§ 51.11(a)(3) of this chapter).

(vi) Authority for necessary transportation control is not set forth nor is a timetable for obtaining it included (§ 51.11(b) of this chapter).

(b) The requirements of § 51.11(a)(4) of this chapter are not met since statutory authority to prevent construction, modification, or operation of a facility, building, structure, or installation, or combination thereof, which indirectly results or may result in emissions of any air pollutant at any location which will prevent the maintenance of a national air quality standard is not adequate.

(c) The requirements of § 51.11(a)(6) of this chapter are not met since § 46.03.180 of the Alaska Statutes could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, § 46.03.180 is disapproved.

[37 FR 15080, July 27, 1972, as amended at 39 FR 7279, Feb. 25, 1974; 39 FR 34535, Sept. 26, 1974]

§ 52.75 [Reserved]

§ 52.76 Control strategy: Carbon monoxide.

(a) The transportation control plan portion of the Anchorage carbon monoxide attainment plan required under Part D of the Clean Air Act is approved conditioned upon receipt within 120 days of the effective date of this action of information to satisfy the following conditions:

(1) Update emission inventory to including parking and idling emissions.

(2) Show that population projections are consistent with Bureau of Economic Affairs (BEA) population projections or other more localized projections, such as those used in water quality planning under Sections 201 and 208 of the Federal Clean Water Act.

(3) Add provisions for a cost-benefit analysis required by section 172(b)(11)(A) of the Act.

(b) The transportation control plan portion of the Fairbanks carbon monoxide attainment plan required under Part D of the Clean Air Act is approved conditioned upon the receipt within 120 days of the effective date of this action of information to satisfy the following conditions:

(1) Update the emission inventory to include parking and idling emissions.

(2) Show that population projections are consistent with Bureau of Economic Affairs (BEA) population projections or other more localized projections such as those used for water quality planning under sections 201 and 208 of the Federal Clean Water Act.

(3) Add procedures for carrying out an air quality consistency analysis for transportation projects in the nonattainment area.

(4) Add provisions for a cost-benefit analysis required by section 172(b)(11)(A) of the Act.

Until EPA takes final action to approve the Part D carbon monoxide attainment plan for the Anchorage and Fairbanks areas which includes the new source review procedures submitted by the State, the ban on construction of new and modified major stationary sources required by section 110(a)(2)(I) of the Clean Air Act as amended, will remain in effect.

(Secs. 110(a) and 172 of the Clean Air Act as amended (42 U.S.C. 7410(a) and 7502))

[45 FR 85748, Dec. 30, 1980]

§ 52.77 [Reserved]

§ 52.78 Review of new sources and modifications

(a) The requirements of § 51.18 of this chapter are not met since the State of Alaska failed to submit a plan for review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Alaska.

[39 FR 7279, Feb. 25, 1974]

§ 52.79 [Reserved]

§ 52.80 Intergovernmental cooperation.

(a) The requirements of § 51.21 of this chapter are not met since the plan does not clearly delineate the responsibilities of the State and local air pollution control agencies, nor does it adequately discuss the responsibilities of other State or local agencies implementing portions of the plan. Specifically, the emergency avoidance plan and the control strategies, which are to be further developed by the Cook Inlet and Fairbanks North Star Borough agencies do not adequately explain agency responsibilities.

[37 FR 10849, May 31, 1972]

§ 52.81 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Alaska's plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Cook Inlet Intrastate	July 1975	b	d	d	d	e	d
Northern Alaska Intrastate	July 1975	b	d	d	d	e	d
South Central Alaska Intrastate	d	d	d	d	d	d	d
Southeastern Alaska Intrastate	d	d	c	a	d	d	d

NOTE: The *italicized* footnote is recommended for proposal by the Administrator because the plan does not provide a specific date.

a. July 1975.
b. Eighteen-month extension granted.
c. Air quality levels presently below primary standards.
d. Air quality levels presently below secondary standards.
e. December 31, 1987.

(Secs. 110(a) and 172 of the Clean Air Act as amended (42 U.S.C. 7410(a) and 7502))

[37 FR 15080, July 27, 1972, as amended at 38 FR 12702, May 14, 1973; 38 FR 32659, Nov. 27, 1973; 45 FR 85748, Dec. 30, 1980; 46 FR 10911, Feb. 5, 1981]

§ 52.82 Extensions.

(a) The Administrator hereby extends for 18 months the statutory timetable for submittal of the plan for attainment and maintenance of the secondary standards for particulate matter in the Cook Inlet and Northern Alaska Intrastate Regions.

(b) The Administrator hereby extends for 2 years the attainment date for the national standards for carbon monoxide in the Northern Alaska Intrastate Region.

(c) The Administrator hereby extends the attainment date for carbon monoxide in the Anchorage and Fairbanks nonattainment areas to December 31, 1987.

(Secs. 110(a) and 172 of the Clean Air Act as amended (42 U.S.C. 7410(a) and 7502))

[37 FR 15081, July 27, 1972, as amended at 38 FR 32659, Nov. 27, 1973; 46 FR 10911, Feb. 5, 1981]

§ 52.83 [Reserved]

§ 52.84 Compliance schedules.

(a) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(b) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are contained in the Alaska Administrative Code, Title 18, unless otherwise noted.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Alaska Lumber & Pulp Co	Sitka	18AAC50.050(a) (b), 50.060(a)(2), 50.120(h).	June 6, 1975	Immediately	Oct. 30, 1977.
Golden Valley Electric Association, Inc.	Fairbanks	18AAC50.030, 50.040, 50.050, 50.120.	June 16, 1973	do	July 1, 1975.
Golden Valley Electric Association, Inc.	Healy	18AAC50.050(a), (b), 50.120(h).	Sept. 29, 1975	do	Oct. 30, 1980.
Ketchikan Pulp Co	Ketchikan	18AAC50.050(a), (b), 50.060(a)(2), 50.120(h).	June 6, 1975		July 1, 1978.
Municipal Utilities System	do	18AAC50.030, 50.040, 50.050, 50.120.	do	do	Do.
University of Alaska	College	18AAC50.030, 50.040, 50.050, 50.120.	do	do	Do.

(c) The compliance schedules for the sources identified below are disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are contained in the Alaska Administrative Code, Title 18, unless otherwise noted.

Source	Location	Regulation involved	Date of adoption
Alaska Forest Products, Inc	Haines	18 AAC 50.040(a)(2), 18 AAC 50.040(c)(2), 18 AAC 50.120(h).	Aug. 21, 1975.
Schnabel Lumber Co	do	18AAC 50.040(a)(2), 18 AAC 50.040(c)(2), 18 AAC 50.040(h).	Do.

(d) *Federal compliance schedules.* (1) Except as provided in paragraph (d)(9) of this section, the owner or operator of any incinerator subject to the following emission-limiting regulation shall comply with the compliance schedule in paragraph (2) of this paragraph (d): Alaska Administrative Code, Title 18, § 50.040 (Appendix 1, section III of the Alaska Implementation Plan).

Source	Location	Regulation involved	Date of adoption
Alaska Lumber & Pulp Co	Sitka	18AAC50.060(a)(1)(2)	June 18, 1973.
Ketchikan Pulp Co	Ketchikan	18AAC50.060(a)(1)(2)	Do.

(2) Compliance schedule for incinerators, defined as any furnace used in the process of burning solid waste for the primary purpose of reducing the volume of the waste by removing combustible matter:

(i) Within 30 days' after promulgation of the compliance schedule, submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) October 29, 1973—Negotiate and sign all necessary contracts for emission-control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) August 5, 1974—Complete onsite construction or installation of emission-control equipment or process modification.

(iv) September 2, 1974—Achieve compliance with applicable regulations, and certify such compliance to the Administrator.

(v) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by September 2, 1974. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(vi) Within five days after the deadline for completing increments in paragraphs (b)(2) (ii) and (iii) in this section, certify to the Administrator whether the increment has been met.

(3) Except as provided in paragraph (b)(9) of this section, the owner or operator of any pulp mill subject to the following emission-limiting regulation and permit regulation in the Alaska Implementation Plan shall comply with the applicable compliance schedule in paragraph (b) (4), (5), or (6) of this section; Alaska Administrative Code, Title 18, § 50.060(a)(1) (Sulfur oxides) and (2) (Particulate matter), § 50.120(a) (permits) (appendix III, 1 of the Alaska Implementation Plan).

(4) Any owner or operator of a recovery system or other source within a pulp mill subject to the sulfur oxide emission limitation of paragraph (b)(3) of this section who elects to utilize a process modification not requiring installation of additional control equipment shall be subject to the following compliance schedule:

(i) October 1, 1973—Notify the Administrator of the intent to utilize a process modification.

(ii) November 30, 1973—Negotiate contract for achieving desired modification.

(iii) July 1, 1974—Achieve compliance with the applicable regulations and certify such compliance to the Administrator.

(iv) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by July 1, 1974. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(5) Any owner or operator of a recovery system or other source within a pulp mill subject to the sulfur oxide emission limitation of paragraph (d)(3) of this section who elects to utilize a control system requiring installation of additional control equipment shall be subject to the following compliance schedule:

(i) October 1, 1973—Submit to the Administrator a final control plan which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) January 20, 1974—Negotiate and sign all necessary contracts for emission-control systems, or issue orders for the purchase of component parts to accomplish emission control.

(iii) December 31, 1974—Complete on-site construction or installation of emission control equipment.

(iv) July 1, 1975—Achieve compliance with the applicable regulations.

(v) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by July 1, 1975. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(vi) Five days after the deadline for completing increments in paragraphs (b)(5) (ii), (iii), and (iv) in this section, certify to the Administrator whether the increment has been met.

(6) Compliance schedule for recovery system particulate matter emissions:

(i) January 1, 1974—Submit to the Administrator a final control plan which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) March 1, 1974—Negotiate and sign all necessary contracts for emission-control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) April 1, 1975—Complete onsite construction or installation of emission-control equipment or process modification.

(iv) July 1, 1975—Achieve compliance with the applicable regulations and certify such compliance to the Administrator.

(v) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by July 1, 1975. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(vi) Within five days after the deadline for completing increments in paragraphs (b)(6) (ii) and (iii) of this section, certify to the Administrator whether the increment has been met.

(7) Except as provided in paragraph (b)(9) of this section, the owner or operator of any industrial process or fuel-burning equipment subject to the following emission-limiting regulation and permit regulation in the Alaska Implementation Plan shall comply with the compliance schedule in paragraph (b)(8) of this section: Alaska Administrative Code, Title 18, § 50.050 (industrial processes and fuel-burning equipment) and § 50.120 (a) and (e) (permits), (appendix, section III, 1 of the Alaska Implementation Plan).

(8) Compliance schedule for industrial process for fuel-burning equipment:

(i) Within 30 days after promulgation of the compliance schedule submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) December 18, 1973—Negotiate and sign all necessary contracts for emission-control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) May 31, 1975—Complete onsite construction or installation of emission-control equipment or process modification.

(iv) July 1, 1975—Achieve compliance with the applicable regulations and certify such compliance to the Administrator.

(v) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by July 1, 1975. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(vi) Within five days after the deadline for completing increments in paragraphs (b)(8) (ii) and (iii) in this section, certify to the Administrator whether the increment has been met.

(9) (i) None of the above paragraphs shall apply to a source which is presently in compliance with applicable regulations and which has certified such compliance to the Administrator by October 1, 1973. The Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(10) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of a compliance schedule in this paragraph fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

[38 FR 16145, June 20, 1973]

EDITORIAL NOTE: For Federal Register citations to § 52.84, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.85 Traffic flow improvements.

(a) Definitions:

(1) "Fairbanks central business district" means the area bounded by the Chena River on the north; Dunkle Street on the east; Fifth Avenue, Cushman Street, and Seventh Avenue on the south; and Barnette Street, Third Avenue, and Wickersham Street on the west. Streets forming the boundaries shall be part of the central business district.

(b) This regulation is applicable in the City of Fairbanks in the State of Alaska.

(c) By January 1, 1974, the City of Fairbanks shall submit to the Administrator a detailed compliance schedule indicating traffic flow improvements to be undertaken and the dates of their expected achievement. All improvements must be completed by May 31, 1975. Such improvements shall include, but are not limited to, the following measures detailed in the Wilbur Smith and Associates, May 1971, FMATS-TOPICS study;

(1) Nobel Street-Lacey Street converted to one-way operation, with Nobel Street northbound from the proposed junction with Lacey Street to Wendell Avenue and Lacey Street southbound from Wendell Avenue to its intersection with Nobel Street at Twelfth Avenue.

(2) Barnette Street - Wickersham Street converted to one-way operation, with Barnette Street northbound from Ninth Avenue to First Avenue and Wickersham Street southbound from First Avenue and Barnette.

(3) Signalization of intersections of:

(i) First Avenue and Barnette Street,

(ii) First Avenue and Wickersham Street,

(iii) Third Avenue and Barnette Street,

(iv) Third Avenue and Lacey Street,

(v) Fifth Avenue and Lacey Street,

(vi) Fifth Avenue and Nobel Street.

(4) Interconnection of the signal system within the Fairbanks central business district to establish a coordinated relationship among each of the signals that will closely coincide with the traffic demands as they fluctuate throughout the day.

(d) The City may omit or replace traffic flow improvement measures indicated in these studies only with the prior approval of the Administrator.

[38 FR 32659, Nov. 27, 1973]

§ 52.86 Management of parking supply.

(a) Definitions:

(1) "Parking facility" (also called "facility") means a lot, garage, building, or structure, or combination or portion thereof, in or on which motor vehicles are temporarily parked.

(2) "Vehicle trip" means a single movement by a motor vehicle that originates or terminates at a parking facility.

(3) "Construction" means fabrication, erection, or installation of a parking facility, or any conversion of land, buildings, or structures, or portions thereof, for use as a facility.

(4) "Modification" means any change to a parking facility that increases or may increase the motor vehicle capacity of, or the motor vehicle activity associated with, such parking facility.

(5) "Commence" means to undertake a continuous program of on-site construction or modification.

(6) "Parking space" means any area or space below, above, or at ground level, open or enclosed, on-street or off-street, that is used for parking one motor vehicle at any time.

(7) "Basin" means the area commencing at the initial point, 1097 Birch Hill Fairbanks, Alaska; thence north 56 degrees 14 minutes west, a distance of 58,017 feet, more or less, to the VABM 1987 Moose, the true point of beginning; thence north 86 degrees east, a distance of 215,349 feet, more or less, to VABM 3010 Last; thence south 5 degrees 26 minutes west a distance of 175,160 feet, more or less, to VABM 1831 Canyon; thence south 85 degrees 55 minutes west, a distance of 229,914 feet, more or less, to VABM 971 Wood River Butte West; thence north 13 degrees 42 minutes west, a distance of 169,688 feet, more or less, to VABM 2005 Standard; thence north 81 degrees 17 minutes east, a distance of 72,092 feet, more or less, to VABM 1978 Moose, the true point of beginning.

(b) This regulation is applicable in the City of Fairbanks, the Fairbanks North Star Borough, and the Basin in the State of Alaska.

(c) The requirements of this section are applicable to the following parking facilities in the areas specified in paragraph (b) of this section, the construction or modification of which is commenced after January 1, 1975:

(1) Any new parking facility with parking capacity for 10 or more motor vehicles;

(2) Any parking facility that will be modified to increase parking capacity by 10 or more motor vehicles; and

(3) Any parking facility constructed or modified in increments which individually are not subject to review under this section, but which, when all such increments occurring since August 15, 1973, are added together, would as a total subject the facility to review under this section.

(d) No person shall commence construction or modification of any facility subject to this section without first obtaining written approval from the Administrator; provided, that this paragraph shall not apply to any construction or modification for which a general construction contract was finally executed by all appropriate parties on or before January 1, 1975.

(e) No approval to construct or modify a facility shall be granted unless the applicant shows to the satisfaction of the Administration:

(1) The design or operation of the facility will not cause a violation of the control strategy that is part of the applicable implementation plan, and will be consistent with the plan's VMT reduction goals;

(2) The emissions resulting from the design or operation of the facility will not prevent or interfere with the attainment or maintenance of any national ambient air quality standard at any time within 10 years from the date of application; and

(3) The facility shall either maintain a temperature of at least 0° F at all times in which vehicles are parked within it, or provide outlets for engine heaters for all parking spaces within it.

(f) All applications for approval under this section shall include the following information:

(1) Name and address of the applicant.

(2) Location and description of the parking facility.

(3) A proposed construction schedule.

(4) The normal hours of operation of the facility and the enterprises and activities that it serves.

(5) The total motor vehicle capacity before and after the construction or modification of the facility.

(g) The Administrator may require an application for a facility of between 10 and 99 spaces to include the information required by paragraphs (h)(1) through (7) of this section.

(h) All applications under this section for new parking facilities with parking capacity for 100 or more vehicles, or for any modification which, either individually or together with other modifications since January 1, 1975, will increase capacity by that amount, shall, in addition to that information required by paragraph (f) of this section, include the following information unless the applicant has received a waiver from the provisions of this paragraph from the Administrator:

(1) The number of people using or engaging in any enterprises or activities that the facility will serve on a daily basis and a peak hour basis.

(2) A projection of the geographic areas in the community from which people and motor vehicles will be drawn to the facility. Such projection shall include data concerning the availability of mass transit from such areas.

(3) An estimate of the average and peak hour vehicle trip generation rates, before and after construction or modification of the facility.

(4) An estimate of the effect of the facility on traffic pattern and flow.

(5) An estimate of the effect of the facility on total VMT for the air quality control region.

(6) An analysis of the effect of the facility on site and regional air quality, including a showing that the facility will be compatible with the applicable implementation plan, and that the facility will not cause any national air quality standard to be exceeded within 10 years from date of application. The Administrator may prescribe a standardized screening technique to be used in analyzing the effect of the facility on ambient air quality.

(7) Additional information, plans, specifications, or documents required by the Administrator.

[38 FR 32659, Nov. 27, 1973, as amended at 39 FR 1849, Jan. 15, 1974]

Editorial Note: The provisions of § 52.86 were suspended indefinitely at 40 FR 2586, Jan. 14, 1975.

§ 52.87 Idling limitations.

(a) Definition:

(1) "Idling" means the operation of a motor vehicle engine while not in the process of moving from one place to another.

(2) "Parking facility" (also called "facility") means a lot, garage, building, or structure, or combination or portion thereof, in or on which motor vehicles are temporarily parked.

(b) This regulation is applicable in the City of Fairbanks in the State of Alaska.

(c) No later than February 15, 1974, the City of Fairbanks shall prohibit the idling of all motor vehicles within the City unless attended by a licensed driver, while parked or operated on streets or highways or in publicly owned parking facilities or privately owned facilities to which the public has access.

(d) No later than February 15, 1974, no person shall cause, permit, or allow the idling of any motor vehicle where prohibited pursuant to paragraph (c) of this section.

(e) Each owner or operator of a parking facility within the City of Fairbanks shall prominently display signs in each such facility warning that the limitations of this section will be strictly enforced.

(f) No later than January 1, 1974, the City of Fairbanks shall submit a detailed compliance schedule showing the steps necessary to carry out the restrictions contained in paragraph (c) of this section. Such statement shall include:

(1) Identification of necessary authority to assure enforceability, including a statement of present authority and regulations, if available, or, if needed, drafts of proposed legislation, ordinances, or regulations.

(2) Designation of agencies responsible for enforcing the prohibition.

(3) A program for enforcement of the idling restrictions including, but not limited to, towing away those vehicles idling in violation of the prohibition and subjecting the owner and/or operator of such a vehicle to a fine up to $100.

(g) No later than February 1, 1974, the City of Fairbanks shall submit legally adopted regulations sufficient to enforce all of the provisions of this section.

[38 FR 32660, Nov. 27, 1973]

§ 52.88 Inspection/maintenance program.

(a) Definitions:

(1) "Inspection/maintenance program" means a program for reducing emissions from in-use gasoline-powered vehicles through identifying vehicles that need emission-control-related maintenance and requiring that such maintenance be performed.

(2) "Light-duty vehicle" means a gasoline-powered motor vehicle rated at 6,000 lb gross vehicle weight (GVW) or less.

(3) "Medium-duty vehicle" means a gasoline-powered motor vehicle rated at more than 6,000 lb GVW and less than 10,000 lb GVW.

(4) "State" means the State of Alaska and, if the Governor so designates, the Fairbanks North Star Borough.

(5) All other terms used in this section that are defined in Part 51, Appendix N, of this chapter are used herein with the meanings so defined.

(b) This regulation is applicable to light- and medium-duty vehicles in the City of Fairbanks and the Fairbanks North Star Borough within the Northern Alaska Intrastate Air Quality Control Region in the State of Alaska.

(c) The State of Alaska shall establish an inspection/maintenance program applicable to all light-duty and medium-duty vehicles registered in the area defined in paragraph (b) of this section that operate on public streets or highways over which it has ownership or control. The State may exempt any class or category of vehicles that the State finds are rarely used on public streets or highways (such as classic or antique vehicles). No later than April 1, 1974, the State shall submit legally adopted regulations to the Administrator establishing such a program. The regulation shall include:

(1) Provisions for inspection of all light-duty and medium-duty motor vehicles at periodic intervals no more than 1 year apart by means of an idle-mode emission test.

(2) Provisions for inspection failure criteria consistent with the failure of 50 percent of the vehicles in the first inspection cycle.

(3) Provisions to ensure that failed vehicles receive maintenance to achieve compliance with the inspection standards. These shall include sanctions against individual owners and repair facilities; retest of failed vehicles following maintenance; use of a certification program to ensure that repair facilities performing the required maintenance have the necessary equipment, parts, and knowledgeable operators to perform the tasks satisfactorily; and use of such other measures as may be necessary or appropriate.

(4) A program of enforcement to ensure that vehicles are not intentionally readjusted or modified subsequent to the inspection and/or maintenance in such a way as would cause them to no longer comply with the inspection standards. This enforcement program might include spot checks of idle adjustments and/or a suitable type of physical tagging. This program shall include appropriate penalties for violation.

(5) Provisions for beginning the first inspection cycle by August 1, 1975, and completing it by August 1, 1976.

(6) Designation of an agency or agencies responsible for conducting, overseeing, and enforcing the inspection/maintenance program.

(d) After August 1, 1976, the State shall not register or allow to operate on public streets or highways any light- or medium-duty vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section. This shall not apply to the initial registration of a new motor vehicle.

(e) After August 1, 1976, no owner of a light- or medium-duty vehicle shall operate or allow the operation of such vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section. This shall not apply to the initial registration of a new motor vehicle.

(f) The State of Alaska shall submit, no later than February 1, 1974, a detailed compliance schedule showing the steps it will take to establish and enforce an inspection and maintenance program pursuant to paragraph (c) of this section, including:

(1) The text of needed statutory proposals and of regulations that it will propose for adoption.

(2) The date by which the State will recommend needed legislation to the State legislature.

(3) The date by which necessary equipment will be ordered.

(4) A signed statement from the Governor or his designee identifying the sources and amounts of funds for the program. If funds cannot legally

be obligated under existing statutory authority, the text of needed legislation shall be submitted.

[38 FR 32660, Nov. 27, 1973]

§ 52.89 Air bleed to intake manifold retrofit.

(a) Definitions:

(1) "Air bleed to intake manifold retrofit" means a system or device (such as a modification to the engine's carburetor) that results in engine operation at an increased air-fuel ratio so as to achieve reduction in exhaust emissions of hydrocarbon and carbon monoxide from 1967 and earlier light-duty vehicles of at least 21 and 58 percent, respectively, and from 1973 and earlier medium-duty vehicles of at least 15 and 30 percent, respectively.

(2) "Light-duty vehicle" means a gasoline-powered motor vehicle rated at 6,000 lb gross vehicle weight (GVW) or less.

(3) "Medium-duty vehicle" means a gasoline-powered motor vehicle rated at more than 6,000 lb GVW and less than 10,000 lb GVW.

(4) All other terms used in this section that are defined in Part 51, Appendix N, of this chapter are used herein with meanings so defined.

(b) This section is applicable to light- and medium-duty vehicles in the City of Fairbanks and the Fairbanks North Star Borough within the Northern Alaska Intrastate Air Quality Control Region in the State of Alaska.

(c) The State of Alaska shall establish a retrofit program to ensure that on or before August 1, 1976, all light-duty vehicles of model years prior to 1968, and medium-duty vehicles of model years prior to 1974, registered in the area defined in paragraph (b) of this section, are equipped with an appropriate air bleed to intake manifold device. No later than April 1, 1975, the State of Alaska shall submit to the Administrator a detailed compliance schedule showing the steps it will take to establish and enforce a retrofit program pursuant to this section, including the text of statutory proposals, regulations, and enforcement procedures that the State proposes for adoption. The compliance schedule shall also include a date by which the State shall evaluate and approve devices for use in this program. Such date shall be no later than June 1, 1975.

(d) No later than May 1, 1975, the State shall submit legally adopted regulations to the Administrator establishing such a program. The regulation shall include:

(1) Designation of an agency responsible for evaluating and approving such devices for use on vehicles subject to this section.

(2) Designation of an agency responsible for ensuring that the provisions of paragraph (d)(3) of this section are enforced.

(3) Provisions for beginning the installation of the air bleed devices by August 1, 1975, and completing the installation of the devices on all vehicles subject to this section no later than August 1, 1976.

(4) A provision that starting no later than August 1, 1976, no vehicle for which retrofit is required under this section shall pass the annual emission tests provided for by § 52.88 unless it has first been equipped with an approved air bleed to intake manifold device, which the test has shown to be installed and operating correctly. The regulations shall include test procedures and failure criteria for implementing this provision.

(5) Methods and procedures for ensuring that those installing the retrofit devices have the training and ability to perform the needed tasks satisfactorily and have an adequate supply of retrofit components.

(e) After August 1, 1976, the State shall not register or allow to operate on its streets or highways any gasoline-powered vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (d) of this section.

(f) After August 1, 1976, no owner of a vehicle subject to this section shall operate or allow the operation of any such vehicle that does not comply with the applicable standards and procedures implementing this section.

[38 FR 32661, Nov. 27, 1973]

§ 52.90 Oxidizing catalyst retrofit.

(a) Definitions:

(1) "Oxidizing catalyst" means a device installed in the exhaust system of the vehicle that utilizes a catalyst and, if necessary, an air pump to reduce emissions of hydrocarbons and carbon monoxide by 50 percent from that vehicle.

(2) "Light-duty vehicle" means a gasoline-powered motor vehicle rated at 6,000 lb gross vehicle weight (GVW) or less.

(3) All other terms used in this section that are defined in Part 51 Appendix N, of this chapter are used herein with the meanings so defined.

(b) This section is applicable in the City of Fairbanks and the Fairbanks North Star Borough within the Northern Alaska Intrastate Air Quality Control Region in the State of Alaska.

(c) The State of Alaska shall establish a retrofit program to ensure that on or before May 31, 1977, light-duty vehicles of model years 1968 through 1974 that are able to operate on 91 RON gasoline and that are subject to registration in the areas defined in paragraph (b) of this section are equipped with an appropriate oxidizing catalyst retrofit device. No later than April 1, 1975, the State of Alaska shall submit a detailed compliance schedule showing the steps it will take to establish and enforce a retrofit program pursuant to paragraph (d) of this section, including the text of needed statutory proposals, regulations, and enforcement procedures that the State proposes for adoption. The compliance schedule shall also include a date by which the State shall evaluate and approve devices for use in this program. Such date shall be no later than June 1, 1975.

(d) No later than May 1, 1975, the State shall submit legally adopted regulations to the Administrator establishing such a program. The regulations shall include:

(1) Designation of an agency responsible for evaluating and approving such devices for use of vehicles subject to this section.

(2) Designation of an agency responsible for ensuring that provisions of paragraph (d)(3) of this section are enforced.

(3) Provisions for beginning the installation of the oxidizing catalytic converter on those light-duty vehicles of 1968-1974 model years that operate on 91 RON (research octane number) gasoline and completing the installation of the devices on all vehicles subject to this section no later than May 31, 1977.

(4) A provision that starting no later than May 31, 1977, no vehicle for which retrofit is required under this section shall pass the annual emission tests provided for by § 52.88 unless it has been equipped with an approved oxidizing catalyst device, which the test has shown to be installed and operating correctly. The regulations shall include test procedures and failure criteria for implementing this provision.

(5) Methods and procedures for ensuring that those installing the retrofits have the training and ability to perform the needed tasks satisfactorily and have an adequate supply of retrofit components.

(e) After May 31, 1977, the State shall not register or allow to operate on its streets or highways any light-duty vehicle subject to this section that does not comply with applicable standards and procedures adopted pursuant to paragraph (d) of this section.

(f) After May 31, 1977, no owner of a vehicle subject to this section shall operate or allow the operation of any such vehicle that does not comply with the applicable standards and procedures implementing this section.

[38 FR 32661, Nov. 27, 1973]

§ 52.91 Exhaust gas recirculation-air bleed retrofit.

(a) Definitions:

(1) "Exhaust gas recirculation (EGR)-air bleed" means a system or device (such as modification of the engine's carburetor or positive crankcase ventilation system) that results in engine operation at an increased air-fuel ratio so as to achieve reductions in exhaust emissions of hydrocarbons and carbon monoxide of 25 percent and 40 percent, respectively, from light-duty vehicles of model years 1968-1970.

(2) "Light-duty vehicle" means a gasoline-powered motor vehicle rated

at 6,000 lb. gross vehicle weight (GVW) or less.

(3) All other terms used in this section that are defined in Part 51, Appendix N, of this chapter are used herein with the meanings so defined.

(b) This section is applicable in the City of Fairbanks and the Fairbanks North Star Borough within the Northern Alaska Intrastate Air Quality Control Region in the State of Alaska.

(c) The State of Alaska shall establish a retrofit program to ensure that on or before August 1, 1976, all gasoline-powered, light-duty vehicles of model years 1968-1970, inclusive, operated on public streets and highways in the areas defined in paragraph (b) of this section, are equipped with an appropriate EGR-air bleed device. No later than April 1, 1975, the State of Alaska shall submit to the Administrator a detailed compliance schedule showing the steps it will take to establish and enforce a retrofit program pursuant to this section, including the text of statutory proposals, regulations, and enforcement procedures that the State proposes for adoption. The compliance schedule shall also include a date by which the State shall evaluate and approve devices for use in this program. Such date shall be no later than June 1, 1975.

(d) No later than May 1, 1975, the State shall submit legally adopted regulations to the Administrator establishing such a program. The regulations shall include:

(1) Designation of an agency responsible for evaluating and approving such devices for use on vehicles subject to this section.

(2) Designation of any agency responsible for ensuring that the provisions of paragraph (d)(3) of this section are enforced.

(3) Provisions for beginning the installation of the EGR-air bleed on all vehicles subject to this section no later than August 1, 1976.

(4) A provision that starting no later than August 1, 1976, no vehicle for which retrofit is required under this section passes the annual emission tests provided for by § 52.88 unless it has been first equipped with an approved EGR-air bleed device, which the test has shown to be installed and operating correctly. The regulations shall include test procedures and failure criteria for implementing this provision.

(5) Methods and procedures for ensuring that those installing the retrofit devices have the training and ability to perform the needed tasks satisfactorily and have an adequate supply of retrofit components.

(e) After August 1, 1976, the State shall not register or allow to operate on its streets or highways any gasoline-powered, light-duty vehicle subject to this section that does not comply with the applicable standards and procedures adopted pursuant to paragraph (d) of this section.

(f) After August 1, 1976, no owner of a vehicle subject to this section shall operate or allow the operation of any such vehicle that does not comply with the applicable standards and procedures implementing this section.

[38 FR 32662, Nov. 27, 1973]

§ 52.92 Central business district access limitation.

(a) Definitions:

(1) "Fairbanks central business district" means the area bounded by the Chena River on the north; Dunkle Street on the east; Fifth Avenue, Cushman Street, and Seventh Avenue on the south; and Barnette Street, Third Avenue, and Wickersham Street on the west. Streets forming the boundaries shall be part of the central business district.

(b) This section is applicable in the City of Fairbanks in the State of Alaska.

(c) Effective on the date of promulgation of this section, the State of Alaska shall neither construct any highway (including the Steese Highway Cutoff) nor permit the construction of any highway in such a way that there are interchanges providing access into the Fairbanks central business district, unless the State demonstrates, to the satisfaction of the Administrator, that such interchanges or exit ramps are located in such a way as to assure no interference with attainment or maintenance of any national ambient air quality standard at any time within 10 years from the date of completion of such interchange or exit ramp.

(d) No later than January 1, 1974, the State of Alaska shall report to the Administrator the status of the Steese Highway Cutoff, which report shall include timetables for finalization of the design, acquisition of right-of-way, commencement of construction, and initiation of use, which assures compliance with paragraph (c) of this section.

(e) The State of Alaska shall report to the Administrator any additional highway proposed for the City of Fairbanks prior to the announcement of any corridor hearings.

[38 FR 32662, Nov. 27, 1973]

§ 52.93 Monitoring transportation trends.

(a) This section is applicable to the State of Alaska.

(b) In order to assure the effectiveness of the inspection and maintenance program and the retrofit devices required under §§ 52.88, 52.89, 52.90, 52.91, the State shall monitor the actual per-vehicle emissions reductions occurring as a result of such measures. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the State in accordance with § 58.35 of this chapter. The first quarterly report shall cover the period January 1 to March 31, 1976.

(c) In order to assure the effective implementation of § 52.85 of this chapter, the State shall monitor vehicle miles traveled and average vehicle speeds for each area in which the traffic flow improvement program is in effect and during such time periods as may be appropriate to evaluate the effectiveness of such a program. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the State of Alaska in accordance with § 58.35 of this chapter. The first quarterly report shall cover the period from July 1 to September 30, 1974. The vehicle miles traveled and vehicle speed data shall be collected on a monthly basis and submitted in a format similar to Table 1.

TABLE 1

Time period ....
Affected area ....

Roadway type	VMT or average vehicle speed	
	Vehicle type (1)	Vehicle type (2)[1]
Freeway		
Arterial		
Collector		
Local		

[1] Continue with other vehicle types as appropriate.

(d) No later than March 1, 1974, the State shall submit to the Administrator a compliance schedule to implement this section. The program description shall include the following:

(1) The agency or agencies responsible for conducting, overseeing, and maintaining the monitoring program.

(2) The Administrative procedures to be used.

(3) A description of the methods to be used to collect the emissions data, VMT data, and vehicle speed data; a description of any modeling techniques to be employed; a description of the geographical area to which the data apply; identification of the location at which the data will be collected; and the time periods during which the data will be collected.

(Secs. 110, 301(a), 313, 319, Clean Air Act, (42 U.S.C. 7410, 7601(a), 7613, 7619))

[38 FR 32662, Nov. 27, 1973, as amended at 44 FR 27571, May 10, 1979]

§ 52.94 [Reserved]

§ 52.95 Maintenance of national standards.

(a) The requirements of § 51.12 (e) of this chapter are not met because the State neither identified areas of the State which have the potential for violation of the national air quality standards within 10 years nor provided a justification that there are no such areas in the State.

(b) Pursuant to the requirements of § 51.12 (e) and (f) of this chapter, the Administrator has determined that there are no areas in the State having the potential for violation of the national ambient air quality standards within 10 years.

[40 FR 18734, Apr. 29, 1975]

§ 52.96 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Alaska.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart D—Arizona

§ 52.120 Identification of plan.

(a) Title of plan: "The State of Arizona Air Pollution Control Implementation Plan."

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Letter of intent to revise plan submitted on March 1, 1972, by the Arizona State Board of Health.

(2) Letter of intent to revise plan submitted on March 2, 1972, by the Governor.

(3) Revised implementation plan submitted on May 30, 1972, by the Governor.

(4) Transportation control plan submitted on April 11, 1973, by the Governor.

(5) Amendments (Non-regulatory) to the transportation control plan submitted on May 10, 1973, by the Governor.

(6) Arizona Air Pollution Control Regulations (numbers in parentheses indicate recodification of regulations as identified in the Arizona State Implementation Plan Semi-Annual Report submitted to EPA on September 4, 1975).

7-1-1.1 (R9-3-101) (Policy and Legal Authority)
7-1-1.3 (R9-3-103) (Air Pollution Prohibited)
7-1-1.5 (R9-3-105) (Enforcement)
7-1-4.3 (R9-3-403) (Sulfur Emissions: Sulfite Pulp Mills)
7-1-4.4 (R9-3-404) (Sulphur Emissions: Sulfuric Acid Plants)
7-1-4.5 (R9-3-405) (Sulphur Emissions: Other Industries)
7-1-5.1 (R9-3-501) (Storage of Volatile Organic Compounds)
7-1-5.2 (R9-3-502) (Loading of Volatile Organic Compounds)
7-1-5.3 (R9-3-503) (Organic Compound Emissions: Pumps and Compressors)
7-1-5.4 (R9-3-504) (Organic Solvents)
7-1-6.1 (R9-3-601) (Carbon Monoxide Emissions: Industrial)
7-1-7.1 (R9-3-701) (Nitrogen Oxide Emissions: Fuel Burning Installations)
7-1-7.2 (R9-3-702) (Nitrogen Oxide Emissions: Nitric Acid Plants
7-1-8.3 (R9-3-803) (New Installations)

Submitted on August 20, 1973.

(7) Revised transportation control plan submitted on September 11, 1973, by the Governor.

(8) Letter supplementing the revised transportation control plan encouraging mass transit, carpooling, etc., submitted on September 21, 1973, by the Governor.

(9) Letter supplementing the revised transportation control plan encouraging mass transit, carpooling, etc., submitted on October 2, 1973, by the Governor.

(10) Maricopa County Air Pollution Control District Regulation III, Rule 31 (Particulate Matter Emissions) submitted on January 28, 1974.

(11) Arizona Air Pollution Control Regulation 7-1-1.7 (R9-3-107) (Unlawful open burning) submitted on February 19, 1974.

(12) Pima County Air Pollution Control district Regulation II, Rule 2 (Particulate matter emissions) submitted on March 19, 1974.

(13) Air quality maintenance area designation analysis submitted on April 17, 1974, by the Arizona Department of Health Services.

(14) Arizona Air Pollution Control Regulations:

7-1-2.10 (R9-3-210) (Emergency Episode Criteria)
7-1-4.2 (R9-3-402) (Sulfur Emissions: Fuel Burning Installations)

Submitted on August 30, 1974.

(15) Arizona Air Pollution Control regulations 7-1-8.1 (R9-3-801) (Original State jurisdiction); 7-1-8.2 (R9-3-802) (Assertions of jurisdiction); 7-1-8.3 (R9-3-803) (Delegation of authority); 7-1-11.3 (R9-3-1203) (Suspension and revocation of permits); 7-1-11.4 (R9-3-1204) (Permits non-transferable); 7-1-11.5 (R9-3-1205) (Posting of permits); 7-1-11.6 (R9-3-1206) (Notice by permit agencies); 7-1-11.7 (R9-3-1207) (Equipment covered); 7-1-11.9 (R9-3-1209) (Permit Fees); and 7-1-1.4 (R9-3-104) (Recordkeeping and reporting) submitted September 27, 1974.

(16) Assertion of State Jurisdiction over Apache, Navajo, Santa Cruz and Yavapai Counties; Assertion of State Jurisdiction over Cochise County; and Assertion of State Jurisdiction over specific sources in Mohave County.

Submitted on February 3, 1975.

(17) Amendments to the Rules and Regulations of the Pima County Air Pollution Control District (Regulation I: Rules 2, 4D, 4E, 4J, 8G, 16C, 29, and 30) submitted on February 20, 1975, by the Director, Arizona Department of Health Services (the Governor's official representative).

(18) Air pollution control regulations for various counties submitted by the Governor on July 1, 1975, as follows:

(i) Coconino County Air Pollution Control Regulations.

12-1-1 (Legal Authority)
12-1-2 (Definitions)
12-1-3 (Air Pollution Prohibited)
12-2-2 (Operating Permits)
12-2-4 (Permit Fees)
12-2-5 (Permit Renewals)
12-2-7 (Testing of Installations)
12-2-8 (Compliance with Terms of Installation Permit)
12-2-9 (Notification of Denial of Permit)
12-2-10 (Appeals to the Hearing Board)
12-2-11 (Permits Not Transferable)
12-2-12 (Expiration of Installation Permit)
12-2-13 (Posting of Permits)
12-3-1 (Ambient Air Quality Standards)
12-3-2 (Emission Standards)
12-3-3 (Reporting of Emissions)
12-3-4 (Production of Records: Confidentiality)
12-3-5 (Monitoring Devices)
12-3-6 (Penalty for Violation)
12-4-1 (Shade, Density, or Opacity of Emissions)
12-4-2 (Dust Control)
12-4-3 (Processing of Animal or Vegetable Matter)
12-4-4 (Volatile and Odorous Materials)
12-4-5 (Storage and Handling of Petroleum Products)
12-5-1 (Permit Required)
12-5-2 (Performance Tests: Permit Tags)
12-5-3 (Emission Limitations)
12-5-4 (Authority of Other Public Agencies)
12-6-1 (Unlawful Open Burning)
12-6-2 (Exceptions Requiring no Permission)
12-6-3 (Exceptions Requiring Permission)
12-6-4 (Exceptions Under Special Circumstances)
12-7-1 (Misdemeanor: Penalty)
12-7-2 (Order of Abatement)
12-7-3 (Hearings on Orders of Abatement)
12-7-5 (Notice of Hearing; Publication; Service)
12-7-6 (Injunctive Relief)

(ii) Mohave County Air Pollution Control Regulations.

Sec. 1, Reg. 1 (Policy and Legal Authority)
Sec. 1, Reg. 2 (Definitions)
Sec. 1, Reg. 3 (Air Pollution Prohibited)
Sec. 1, Reg. 4 (Enforcement)
Sec. 2, Reg. 1 (Shade, Density or Opacity of Emissions)
Sec. 2, Reg. 2 (Particulate Matter)
Sec. 2, Reg. 3 (Reduction of Animal or Vegetable Matter)
Sec. 2, Reg. 4 (Evaporation and Leakage)
Sec. 2, Reg. 5 (Storage Tanks)
Sec. 3, Reg. 1 (Particulate Matter from Fuel Burning Installations)
Sec. 3, Reg. 2 (Particulate Matter from Other Sources)
Sec. 3, Reg. 3 (Sulfur from Primary Copper Smelters)
Sec. 3, Reg. 4 (Ground Level Concentrations)
Sec. 3, Reg. 5 (Exceptions)
Sec. 3, Reg. 6 (Incinerators)
Sec. 4, Reg. 1 and Reg. 2 (Responsibility and Requirements of Testing)
Sec. 5, Reg. 1 (Open Fires: Prohibition and Exceptions)
Sec. 6, Reg. 1 (Sulfur Dioxide)
Sec. 6, Reg. 2 (Non-Specific Particulate)
Sec. 6, Reg. 3 (Evaluation)
Sec. 6, Reg. 4 (Anti-Degradation)
Sec. 7 (Violations)

(iii) Yuma County Air Pollution Control Regulations.

8-1-1.1 (Policy and Legal Authority)
8-1-1.2 (Definitions)
8-1-1.3 (Air Pollution Prohibited)

8-1-1.4 (Recordkeeping and Reporting)
8-1-1.5 (Enforcement)
8-1-1.6 (Exceptions)
8-1-2.1 (Non-Specific Particulate)
8-1-2.2 (Sulfur Dioxide)
8-1-2.3 (Non-Methane Hydrocarbons)
8-1-2.4 (Photochemical Oxidants)
8-1-2.5 (Carbon Monoxide)
8-1-2.6 (Nitrogen Dioxide)
8-1-2.7 (Evaluation)
8-1-2.10 (Emergency Episode Criteria)
8-1-3.1 (Visible Emissions; General)
8-1-3.2 (Fugitive Dust)
8-1-3.3 (Particulates—Incineration)
8-1-3.4 (Particulates—Wood Waste Burners)
8-1-3.5 (Particulates—Fuel Burning Equipment)
8-1-3.6 (Particulates—Process Industries)
8-1-4.2 (Fuel Burning Installations)
8-1-4.3 (Sulfur Emissions—Sulfite Pulp Mills)
8-1-4.4 (Sulfur Emissions—Sulfuric Acid Plants)
8-1-4.5 (Sulfur Emissions—Other Industries)
8-1-5.1 (Storage of Volatile Organic Compounds)
8-1-5.2 (Loading of Volatile Organic Compounds)
8-1-5.3 (Pumps and Compressors)
8-1-5.4 (Organic Solvents; Other Volatile Compounds)
8-1-6.1 (CO_2 Emissions—Industrial)
8-1-7.1 (NO_2 Emissions—Fuel Burning Equipment)
8-1-7.2 (NO_2 Emissions—Nitric Acid Plants)
8-1-8.1 (Open Burning—Prohibition)
8-1-8.2 (Open Burning—Exceptions)

(iv) Pinal-Gila Counties Air Pollution Control Regulations.

7-1-1.1 (Policy and Legal Authority)
7-1-1.2 (Definitions)
7-1-1.3 (Air Pollution Prohibited)
7-1-2.2 (Permit Unit Description and Fees)
7-1-2.4 (Appeals to Hearing Board)
7-1-2.5 (Transfer: Posting: Expirations)
7-1-2.6 (Recordkeeping and Reporting)
7-1-2.7 (Enforcement)
7-1-2.8 (Exceptions)
7-1-4.1 and 7-1-4.2 (Orders of Abatement)
7-1-5.1 (Classification and Reporting: Production of Records: Violation: and Penalty)
7-1-5.2 (Special Inspection Warrant)
7-1-5.3 (Decisions of Hearing Boards: Subpoenas)
7-1-5.4 (Judicial Review: Grounds: Procedures)
7-1-5.5 (Notice of Hearing: Publication: Service)
7-1-5.6 (Injunctive Relief)
7-2-1.1 (Non-Specific Particulate)
7-2-1.2 (Sulfur Dioxide)
7-2-1.3 (Non-Methane Hydrocarbons)
7-2-1.4 (Photochemical Oxidants)
7-2-1.5 (Carbon Monoxide)
7-2-1.6 (Nitrogen Dioxide)
7-2-1.7 (Evalution)
7-2-1.8 (Anti-Degradation)
7-3-1.1 (Visible Emissions: General)
7-3-1.2 (Particulate Emissions—Fugitive Dust)
7-3-1.3 (Open Burning)
7-3-1.4 (Particulate Emissions—Incineration)
7-3-1.5 (Particulate Emissions—Wood-Waste Burners)
7-3-1.6 (Reduction of Animal or Vegetable Matter)
7-3-1.7 (Particulate Emissions—Fuel Burning Equipment)
7-3-1.8 (Particulate Emissions—Process Industries)
7-3-2.1 (Copper Smelters)
7-3-2.2 (SO_2 Emissions—Fuel Burning Installations)
7-3-2.3 (SO_2 Emissions—Sulfite Pulp Mills)
7-3-2.4 (SO_2 Emissions—Sulfuric Acid Plants)
7-3-2.5 (Other Industries)
7-3-3.1 (Storage of Volatile Organic Compounds)
7-3-3.2 (Loading of Volatile Organic Compounds)
7-3-3.3 (Pumps and Compressors)
7-3-3.4 (Organic Solvents: Other Volatile Compounds)
7-3-4.1 (CO_2 Emissions—Industrial)
7-3-5.1 (NO_2 Emissions—Fuel Burning Equipment)
7-3-5.2 (NO_2 Emissions—Nitric Acid Plants)
7-3-6.1 (Policy and Legal Authority)

(19) Arizona Air Pollution Control Regulations:

R9-3-102 (Definitions)
R9-3-108 (Test Methods and Procedures)
R9-3-301 (Visible Emissions—General)
R9-3-302 (Particulate Emissions: Fugutive Dust)
R9-3-303 (Particulate Emissions: Incineration)
R9-3-304 (Particulate Emissions: Wood Waste Burners)
R9-3-305 (Particulate Emissions: Fuel Burning Equipment)
R9-3-307 (Particulate Emissions: Portland Cement Plants)
R9-3-308 (Particulate Emissions: Heater-Planers)

Submitted on September 16, 1975.

(20) Arizona Air Pollution Control Regulations R9-3-505 (Gasoline Volatility Testing); R9-3-506 (Gasoline Volatility Standards); R9-3-1001 (Policy and Legal Authority); R9-3-

1020 (State Stations Acting as Fleet Inspection Stations); and R9-3-1021 (Inspections Conducted by Fleet Inspection Stations for State Stations); submitted on January 23, 1976.

(21) Amendments to the rules and Regulations of the Pima County Air Pollution Control District (Regulation I:

Rule 2 (paragraph uu-yy, Defnintions); regulation II (Fuel Burning Equipment): Rule 2G (paragraphs 1-4c, Particulate Emissions), Rule 7A (paragraphs 1-6, Sulfur Dioxide Emissions), Rule 7B (paragraphs 1-4, Nitrogen Oxide Emission); Regulation VI: Rule 1A-H, (Ambient Air Quality Standards); Regulation VII (paragraph A-D, Standards of Performance for New Stationary Sources); and Regulation VIII (paragraphs A-C, Emission Standards for Hazardous Air Pollutants)) submitted on September 30, 1976 by the Director, Arizona Department of Health Services (the Governor's official representative).

(22)—(23) [Reserved]

(24) Arizona Air Pollution Control Regulations R9-3-1002 (Definitions); R9-3-1003 (Vehicles To Be Inspected by the Mandatory Vehicular Emissions Inspection Program); R9-3-1004 (State Inspection Requirements); R9-3-1005 (Time of Inspections); R9-3-1006 (Mandatory Vehicular Emissions Inspection); R9-3-1007 (Evidence of Meeting State Inspection Requirements); R9-3-1008 (Procedure for Issuing Certificates of Waiver); R9-3-1010 (Low Emissions Tune Up); R9-3-1011 (Inspection Report); R9-3-1012 (Inspection Procedure and Fee); R9-3-1013 (Reinspections); R9-3-1016 (Licensing of Inspectors); R9-3-1017 (Inspection of Governmental Vehicles); R9-3-1018 (Certificate of Inspection); R9-3-1019 (Fleet Station Procedures and Permits); R9-3-1022 (Procedure for Waiving Inspections Due to Technical Difficulties); R9-3-1023 (Certificate of Exemption); R9-3-1025 (Inspection of State Stations); R9-3-1026 (Inspection of Fleet Stations); R9-3-1027 (Registration of Repair Industry Analyzers); R9-3-1029 (Vehicle Emission Control Devices); and R9-3-1030 (Visible Emissions; Diesel-Powered Locomotives); submitted on February 11, 1977.

(25) [Reserved]

(26) Maricopa County Air Pollution Control District Regulation IV, rule 41, paragraph B (Continuously Monitoring and Recording Emissions) submitted on July 29, 1977.

(27) The following amendments to the plan were submitted on January 4, 1979 by the Governor's designee.

(i) Arizona State Rules and Regulations for Air Pollution Control.

(A) R-9-3-101, A., Nos. 2, 3, 29, 41, 53, 55, 87, 88, 89, 91, 92, 95, 100 and 117; R9-3-301, paragraphs D, J, and N; R9-3-306, paragraphs D and J; and R9-3-307, paragraphs C and E.

(B) New or amended Rules R9-3-101 (Nos. 1, 4, 6, (a, c, and d), 8, 9, 11, 13, 17 to 26, 28, 30 to 35, 37 to 40, 43 to 45, 48, 49, 54, 57 to 59, 61 to 73, 77 to 80, 82, 83, 86, 90, 94, 96, 98, 101, 102, 104, 105, 107 to 115, 118 to 120, 122, to 129, and 131), R9-3-217, R9-3-218, R9-3-219, R9-3-308, R9-3-310 (Paragraph C), R9-3-311 (Paragraph A), R9-3-312, R9-3-313 (Paragraphs A.1, A.2.b, A.3, A.4, B to D.1, D.3, D.4.a to F.1.2.iii, F.1.b., and F.2.b. to F.4), R9-3-314 to R9-3-319, R9-3-402 to R9-3-404, R9-3-406, R9-3-407, R9-3-409, R9-3-410, R9-3-502 (Paragraphs B, C, C.2, and D to G), R9-3-503 (Paragraph A), R9-3-504 (Paragraphs B and C), R9-3-505 (Paragraphs A, B.1.b., B.2.b, and B.3 to D), R9-3-506 (Paragraphs A.2, B. C.1.a to C.4), R9-3-507 (Paragraphs D to F), R9-3-508 (Paragraphs A and C), R9-3-510 (Paragraphs B to E), R9-3-511 (Paragraph B), R9-3-512 (Paragraph B), R9-3-513 (Paragraphs B and C), R9-3-514 (Paragraphs B and C), R9-3-516 (Paragraph B), R9-3-517 (Paragraphs B and C), R9-3-518 (Paragraphs B and C), R9-3-519 (Paragraphs A.2, A.3.a to A.3.c, A.3.e and B to C), R9-3-520 (Paragraphs B and C), R9-3-521 (Paragraphs B to D), R9-3-522 (Paragraphs A.1 to A.5, B and C), R9-3-523 (Paragraph B), R9-3-524 (Paragraphs C, D.1, D.2, D.4 to G.5), R9-3-525 (Paragraphs B to D), R9-3-526, R9-3-527, R9-3-528 (Paragraphs B to E and F.1 to F.4), R9-3-601 to R9-3-605, R9-3-1101, R9-3-1102, Appendix 10 (Sections A10.1.3.3, A10.1.4. and A10.2.2 to A10.3.4.) and Appendix 11.

(28) The following amendments to the plan were submitted on January 18, 1979 by the Governor's designee.

(i) Maricopa County Bureau of Air Pollution Control Rules and Regulations.

(A) Rule 33, Storage and Handling of Petroleum Products.

(B) New or amended Rules 21G and 41.

(29) The following amendments to the plan were submitted on January 23, 1979, by the Governor's designee.

(i) Arizona State Rules and Regulations for Air Pollution Control.

(A) Arizona Testing Manual for Air Pollutant Emissions (excluding Sections 2.0 and 5.0).

(30) Redesignation of AQCR's in Arizona, submitted on January 26, 1979, by the Governor.

(31) Revisions to the Arizona Air Pollution Control Regulations submitted on March 21, 1979:

R9-3-1002 (22,34); R9-3-1003 [A(A8-11),B,C]; R9-3-1005 [A, (A3)]; R9-3-1006 [A,(A1,2),B,(B2,3,4,5),D,E,(E1(c),2(c)),F,G, (G1,2), Table II]; R9-3-1008 [B,(B1,2,6,7)]; R9-3-1010 [A,(A3),C,D,F]; R9-3-1011 [A,B,(B1,2,3)]; R9-3-1012(b); R9-3-1014; R9-3-1017 [B,(B4), C, E]; R9-3-1019 [A,B,D, D(1)(a)(i), D(1)(a)(ii)(6), D(1)(a)(iii), D(1)(c), D(1)(f)(11), H, (H1,2), I(I8,9,10,11,12,13), J, (J10), L, M, N, (N1,2)]; R9-3-1020(C,E); R9-3-1022(B); R9-3-1023(A,B); R9-3-1027(F).

(32) The following amendments to the plan were submitted on February 23, 1979 by the Governor's designee.

(i) Nonattainment Area Plan for Carbon Monoxide and Photochemical Oxidants, Maricopa County Urban Planning Area.

(33)-(34) [Reserved]

(35) The following amendments to the plan were submitted on April 10, 1979, by the Governor's designee.

(i) Yuma County Air Pollution Control District.

(A) New or amended Rules 8-1-1.2 8-1-1.3 thru 8-1-1.6 and 8-1-1.8 thru 8-1-1.13; 8-1-2.1 thru 8-1-2.6 and 8-1-2.8; 8-1-3.1 thru 8-1-3.6, 8-1-3.7 (except paragraph "F") and 8-1-3.8 thru 8-1-3.20; and Appendices I and II.

(36) The following amendments to the plan were submitted on July 3, 1979 by the Governor's designee.

(i) Revision to the Nonattainment Area Plan for Carbon Monoxide and Photochemical Oxidants, Maricopa County Urban Planning Area.

(37) [Reserved]

(38) The following amendment to the plan were submitted on October 9, 1979, by the Governor's designee.

(i) Pima County Health Department.

(A) New or amended Regulation 10:

Rules 101-103; Regulation 11: Rules 111-113; Regulation 12: Rules 121-123; Regulation 13: Rules 131-137; Regulation 14: Rules 141 and 143-147; Regulation 15: Rule 151; Regulation 16: Rules 161-165; Regulation 17: Rules 172-174; Regulation 18: Rules 181 and 182; Regulation 20: Rules 201-205; Regulation 21: Rules 221-225; Regulation 22: Rules 221-226; Regulation 23: Rules 231-232; Regulation 24: Rules 241 and 243-248; Regulation 25: Rules 251 and 252; Regulation 30: Rules 301 and 302; Regulation 31: Rules 312-316 and 318; Regulation 32: Rule 321; Regulation 33: Rules 331 and 332; Regulation 34: Rules 341-344; Regulation 40: Rules 402 and 403; Regulation 41: Rules 411-413; Regulation 50: Rules 501-503 and 505-507; Regulation 51: Rules 511 and 512; Regulation 60: Rule 601; Regulation 61: Rule 611 (Paragraph A.1 to A.3) and Rule 612; Regulation 62: Rules 621-624; Regulation 63: Rule 631; Regulation 64: Rule 641; Regulation 70: Rules 701-705 and 706 (Paragraphs A to C, D.3, D.4, and E); Regulation 71: Rules 711-714; Regulation 72: Rules 721 and 722; Regulation 80: Rules 801-804; Regulation 81: Rule 811; Regulation 82: Rules 821-823; Regulation 90: Rules 901-904; Regulation 91: Rules 911 (except Methods 13-A, 13-B, 14, and 15; and Rules 912, and 913; Regulation 92: Rules 921-924; and Regulation 93: Rules 931 and 932.

(39) The following amendments to the plan were submitted on November 8, 1979 by the Governor's designee.

(i) Nonattainment Area Plan for Total Suspended Particulates, Maricopa County Urban Planning Area.

(40) [Reserved]

(41) The following amendments to the plan were submitted on February 15, 1980, by the Governor's designee.

(i) 1.0 Air Quality Surveillance Network.

(42) [Reserved]

(43) The following amendments to the plan were submitted on April 1, 1980 by the Governor's designee.

(i) Arizona State Rules and Regulations for Air Pollution Control.

(A) R9-3-101, A., Nos. 7, 27, 46, 52, 54, 72, 73, 74, 81, 84, 85, 86, 88, 89, 92, 96, 97, 98, 111, 117, 118, and 122; R9-3-301, paragraphs B-1, B-2, C, E, F, H, I, J, K, M, N, O, P, and Q; R9-3-302, (except paragraphs D, E, and I); R9-3-

303; R9-3-306, paragraphs B-2, C-1, C-3, and C-5 to C-7, E, F, G-1, G-3, G-4, H, and I; and R9-3-307, paragraphs A, B, D, and F.

(B) New or amended Rules R9-3-101 (Nos. 5, 15, 16, 42, 49, 51, 55, 94, 101, 103, 106, 126, 127, and 133), R9-3-201 (paragraph D.2), R9-3-202 (Paragraph D.2), R9-3-203 (Paragraph D.2), R9-3-204 (Paragraph C.2), R9-3-205 (Paragraph C.2), R9-3-206 (Paragraph C.2), R9-3-207 (Paragraph C.2), R9-3-313 (Paragraph F.1.a.i and ii), R9-3-401, R9-3-405, R9-3-408, R9-3-501 (Paragraph A to C), R9-3-502 (Paragraph A to A.4), R9-3-503 (Paragraphs B, C.1, C.2.a. to C.2.f., C.4 and C.5), R9-3-504 (Paragraph A.1 to A.4), R9-3-508 (Paragraph B.1 to B.6), R9-3-510 (Paragraph A.1 and A.2), R9-3-511 (Paragraph A.1 to A.5), R9-3-512 (Paragraph A.1 to A.5), R9-3-513 (Paragraph A.1 to A.5), R9-3-514 (Paragraph A.2), R9-3-516 (Paragraph A.1 to A.6), R9-3-517 (Paragraph A.1 to A.5), R9-3-518 (Paragraph A.1 to A.5), R9-3-520 (Paragraph A.1 to A.6), R9-3-521 (Paragraph A.1 to A.5), and Appendices 1 and 2.

(ii) Arizona Lead SIP Revision.

(44) The following amendments to the plan were submitted on June 23, 1980 by the Governor's designee.

(i) Maricopa County Bureau of Air Pollution Control Rules and Regulations.

(A) Rule 34, Organic Solvents.

(B) New or amended Rules 2 (except #49 and 57), 3, 24, 25, 25, 26, 27, 30, 31(A), (B), and (H), 32, (G), (H), (J), and (K), 40, 70-72, and 74 and deletion of "ee".

(45) The following amendments to the plan were submitted on July 17, 1980 by the Governor's designee.

(i) Arizona State Rules and Regulations for Air Pollution Control.

(A) R-9-3-101, A., Nos. 73, 74, 75, 83, 86, 87, 88, 90, 91, 94, 98, 99, 100, 113, 119, 120, and 124; R9-3-301, paragraphs A, B-3, G, I, J, K, L, M, N, O, P, Q, and R; R9-3-306, paragraphs A, B-1, B-3, B-4, C-2, C-4, and G-2; and R9-3-320, paragraphs B and C.

(B) New or amended Rules R9-3-101 (Nos. 6(b), 10, 12, 14, 36, 50, 55, 77, 84, and 92), R9-3-311 (Paragraph B), R9-3-313 (Paragraphs A.2.a., D.2, D.4, F.1.C, and F.2.a.), R9-3-320 (Paragraph A), R9-3-502 (Paragraph C.1), R9-3-503 (Paragraph C, C.2, C.2.g. and C.3), R9-3-504 (Paragraph A), R9-3-505 (Paragraph B.1.a, B.2.a), R9-3-506 (Paragraph A to A.1), R9-3-507 (Paragraphs A to C), R9-3-508 (Paragraph B), R9-3-509, R9-3-510 (Paragraph A), R9-3-511 (Paragraph A), R9-3-512 (Paragraph A), R9-3-513 (Paragraph A), R9-3-514 (Paragraphs A to A.1), R9-3-516 (Paragraph A), R9-3-517 (Paragraph A), R9-3-518 (Paragraph A), R9-3-519 (Paragraph A to A.1, A.3, and A.3.d), R9-3-520 (Paragraph A), R9-3-521 (Paragraph A), R9-3-522 (Paragraph A), R9-3-523 (Paragraph A), R9-3-524 (Paragraphs A, B, D, and D.3), R9-3-525 (Paragraph A), R9-3-528 (Paragraphs A and F.5), Section 3, Method 11; Section 3.16, Method 16; Section 3.19, Method 19; Section 3.20, Method 20; and Appendix 10 (Sections A10.2 and A10.2.1).

(46) The following amendments to the plan were submitted on August 7, 1980, by the Governor's designee.

(i) Pinal-Gila Counties Air Quality Control District.

(A) New or amended Rules 7-1-1.2, 7-1-1.3(C), 7-3-1.1, 7-3-1.4(C), 7-3-1.7(F), and 7-3-3.4.

(47) The following amendments to the plan were submitted on September 10, 1980, by the Governor's designee.

(i) Arizona State Rules and Regulations and Air Pollution Control.

(A) New or amended Rules R9-3-101 (Nos. 24, 55, 102, and 115 (25-54, 56-101, 103-114, and 116-140 are renumbered only), R9-3-201 (Paragraphs A to D.1 and E), R9-3-202 (Paragraphs A to D.1 and E), R9-3-203 (Paragraphs A to D.1 and E), R9-3-204 (Paragraphs A to C.1 and D), R9-3-205 (Paragraphs A to C.1 and D), R9-3-206 (Paragraphs A to C.1 and D), R9-3-207 (Paragraphs A to C.1 and D), and R9-3-216.

(48) Arizona Lead SIP Revision submitted by the State on September 26, 1980.

(49) The following amendments to the plan were submitted on July 13, 1981 by the Governor's designee.

(i) Arizona Revised Statute Sec. 36-1718.

(50) The following amendments to the plan were submitted on July 13, 1981, by the Governor's designee.

(i) Arizona State Rules and Regulations for Air Pollution Control.

(A) New or amended Rules R9-3-310 (Paragraphs A and B), R9-3-501 (Paragraph D), R9-3-503 (Paragraph C.6), R9-3-506 (Paragraph C to C.1), and Appendix 10 (Sections A10.1-A10.1.3.2).

(ii) Arizona Revised Statutes.

(A) Arizona County: Chapter 6, Article 8. Air Pollution, Sections 36-770 to 36-778, 36-779 to 36-779.07, 36-780, 36-780.01, 36-781 to 36-783, 36-784 to 36-784.04, 36-785, 36-785.01, 36-786 to 36-788, 36-789 to 36-789.02, 36-790, and 36-791.

(B) Arizona State: Chapter 14, Air Pollution, Article 1. State Air Pollution Control, Sections 36-1700 to 36-1702, 36-1704 to 36-1706, 36-1707 to 36-1707.06, 36-1708, 36-1720.02, and 36-1751 to 36-1753.

(51) The following amendments to the plan were submitted on June 1, 1981, by the Governor's designee.

(i) Pima County Health Department.

(A) New or amended Regulation 14:

Rule 142; Regulation 20: Rule 204; Regulation 24: Rule 242; Regulation 26: Rule 261; Regulation 50: Rule 504; Regulation 61: Rule 611 (Paragraph A); Regulation 70: Rule 706 (Paragraphs D.1 and D.2); and Regulation 91: Rule 911 (Methods 19 and 20).

(52) The following amendments to the plan were submitted on August 5, 1981, by the Governor's designee.

(i) Arizona State Rules and Regulations for Air Pollution Control.

(A) New or amended Rules R9-3-1002, R9-3-1003, R9-3-1005, R9-3-1006, R9-3-1008, R9-3-1010 to R9-3-1014, R9-3-1016, R9-3-1019, R9-3-1023, R9-3-1025, R9-3-1027, and R9-3-1030.

(ii) Arizona Revised Statutes.

(A) Inspection and Maintenance—Chapter 14, Article 3. Annual Emissions Inspection of Motor Vehicles, Sections 36-1771 to 36-1775, 36-1708.01, 36-1709 to 36-1711, 36-1712 to 36-1712.04, 36-1713, 36-1713.01, 36-1714 to 36-1717, 36-1718, 36-1718.01, 36-1719, 36-1720, and 36-1776 to 36-1780.

(53) The following amendments to the plan were submitted on March 8, 1982, by the Governor's designee.

(i) Maricopa County Bureau of Air Pollution Control Rules and Regulations.

(A) Rules 2 (Nos. 11 and 33, and deletion of Nos. 18, 49, 50, 52, and 54), 28 and 33.

(Secs. 107, 110, 129, 171 to 178, and 301(a), of the Clean Air Act as amended (42 U.S.C. 7407, 7410, 7429, 7501 to 7508 and 7601(a)))

[37 FR 10849, May 31, 1972]

Editorial Note: For Federal Register citations to § 52.120, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Effective Date Note: In § 52.120, paragraphs (c)(50)(ii), (52)(ii), and (53) were added at 47 FR 26384, June 18, 1982, effective August 17, 1982, and paragraphs (c)(43)(ii) and (48) were added at 47 FR 28374, June 30, 1982, effective July 30, 1982.

§ 52.121 Classification of regions.

The Arizona plan is evaluated on the basis of the following classifications:

AQCR (constituent counties)	Classifications				
	PM	SO_x	NO_2	CO	O_3
Maricopa Intrastate (Maricopa)	I	III	III	I	I
Pima Intrastate (Pima)	I	II	III	III	I
Northern Arizona Intrastate (Apache, Coconino, Navajo, Yavapai)	I	III	III	III	III
Mohave-Yuma Intrastate (Mohave, Yuma)	I	III	III	III	III
Central Arizona Intrastate (Gila, Pinal)	I	IA	III	III	III
Southeast Arizona Intrastate (Cochise, Graham, Greenlee, Santa Cruz)	I	IA	III	III	III

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7601(a)))
[45 FR 67345, Oct. 10, 1980]

§ 52.122 Extensions.

(a) The Administrator hereby extends for 2 years the attainment date for the national primary standards for sulfur oxides in the Maricopa, Pima, Central Arizona, and Southeast Arizona Intrastate Regions.

(b) The Administrator hereby extends for 18 months the statutory timetable for submittal of the plan for attainment and maintenance of the secondary standards for sulfur oxides in the Maricopa, Pima, Central Arizona, and Southeast Arizona Intrastate Regions.

(c) The Administrator hereby extends to July 31, 1977, the attainment date for the national primary standards for sulfur oxides in the Northern Arizona Intrastate Region.

(d) The Administrator hereby extends to December 31, 1982 certain attainment dates for the national standards for carbon monoxide (CO), ozone (O_3), and total suspended particulates (TSP), in the following areas:

(1) Maricopa County Urban Planning Area for O_3, and TSP.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501 to 7508, and 7601(a)))

[47 FR 19328, May 5, 1982]

§ 52.123 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approved Arizona's plan for the attainment of the national standards.

(b) With regard to the transportation control strategies submitted by the State of Arizona, the Administrator approves the inspection program for light-duty and medium-duty vehicles; the program for retrofit of air bleed devices on pre-1968 light-duty vehicles, the retrofit of air bleed/exhaust gas recirculation devices on 1968 through 1971 light-duty vehicles, the retrofit of oxidizing catalytic converters on 1973 through 1975 light-duty vehicles, the gaseous fuel conversion program; the carpool matching program; and the employer carpool incentive programs with the exceptions set forth in § 52.130, § 52.132, § 52.135, and § 52.136.

(c) With the exceptions set forth in this subpart, the Administrator approves the plan with respect to Part D, Title I of the Clean Air Act, as amended in 1977, for the nonattainment areas listed in this paragraph.

(1) Maricopa County Urban Planning Area for CO and TSP.

(d) With the exceptions set forth in this subpart, the Administrator approves the plan with respect to Part D, Title I of the Clean Air Act, as amended in 1977, for the nonattainment areas listed in this paragraph. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the State Implementation Plan (SIP) depends on the adoption and submittal by January 1, 1981, of reasonably available control technology (RACT) requirements for sources covered by Control Technique Guidelines (CTG's) published between January 1978 and January 1979.

(1) Maricopa County Urban Planning Area for O_3.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501 to 7508, and 7601(a)))

[38 FR 33373, Dec. 3, 1973, as amended at 47 FR 19329, May 5, 1982]

§ 52.124 Part D conditional approval.

(a) The following portions of the Arizona SIP contain deficiencies with respect to Part D of the Clean Air Act which must be corrected by meeting the indicated conditions of Part D plan approval.

(1) The Maricopa County Urban Planning Area portion of the Arizona SIP is approved as satisfying Part D requirements provided the following conditions are met:

(i) For carbon monoxide, ozone, and total suspended particulate:

(A) By August 3, 1982, the NSR rules must be revised to meet the requirements in EPA's amended regulations for NSR (45 FR 31307, May 13, 1980 and 45 FR 52676, August 7, 1980).

(ii) For total suspended particulate:

(A) By August 3, 1982, the State must submit a schedule for the development, adoption, and implementation of those measures necessary for attainment of the particulate standards.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501 to 7508, and 7601(a)))

[47 FR 19329, May 5, 1982]

§ 52.125 Control strategy and regulations: Sulfur oxides.

(a) The requirements of §§ 51.13 and 51.22 of this chapter are not met since the plan does not impose specific emission limitations on copper smelters in the Pima, Central Arizona, and Southeast Arizona Intrastate Regions. In addition, the plan does not require permanent control of emissions from copper smelters necessary to achieve all national standards for sulfur oxides. Therefore, Regulation 7-1-4.1 (copper smelters) of the Arizona Rules and Regulations for Air Pollution Control, as it pertains to existing copper smelters, is disapproved for the Pima, Central Arizona, and Southeast Arizona Intrastate Regions.

(b) The requirements of §§ 51.13 and 51.22 of this chapter are not met since the plan does not provide the degree of control necessary to attain and maintain the national standards for sulfur oxides in the Northern Arizona Intrastate Region. Therefore, Regulation 7-1-4.2(C) (fuel burning installations) of the Arizona Rules and Regulations for Air Pollution Control, as it pertains to existing sources, is disapproved in the Northern Arizona Intrastate Region for steam power generating installations having a total rated capacity equal to or greater than 6,500 million B.t.u. per hour.

(c) *Replacement regulation for Regulation 7-1-4.2(C) (Fossil fuel-fired steam generators in the Northern Arizona Intrastate Region).* (1) This paragraph is applicable to the fossil fuel-fired steam generating equipment designated as Units 1, 2, and 3 at the Navajo Power Plant in the Northern Arizona Intrastate Region (§ 81.270 of this chapter).

(2) No owner or operator of the fossil fuel-fired steam generating equipment to which this paragraph is applicable shall discharge or cause the discharge of sulfur oxides into the atmosphere in excess of the amount prescribed by the following equations:

$$E=12.245\ S \text{ or } e=1.540\ S$$

where:

E=Allowable sulfur oxides emissions (lb./hr.) from all affected units.

e=Allowable sulfur oxides emissions (gm./sec.) from all affected units.

S=Sulfur content, in percent by weight, prior to any pretreatment of the fuel being burned.

(3) For the purposes of this paragraph:

(i) E shall not exceed 21,270 lb./hr. (2,680 gm./sec.).

(ii) If the sum of sulfur oxides emissions from Units 1, 2, and 3 would be less than 3,780 lb./hr. (475 gm./sec.) without the use of emission control equipment, the requirements of paragraphs (2), (4)(i) and (5) of this paragraph (c), shall not apply for the period of time that the emissions remain below this level.

(iii) The applicability of paragraph (c)(2)(ii) of this section may be determined through a sulfur balance utilizing the analyzed sulfur content of the fuel being burned and the total rate of fuel consumption in all affected units.

(4) (i) No owner or operator of the fossil fuel-fired steam generating equipment subject to this paragraph shall discharge or cause the discharge of sulfur oxides into the atmosphere from any affected unit in excess of the amount prescribed by the following equations, except as provided in paragraph (3)(ii) of this paragraph (c).

$$E_1=0.333\ E \text{ or } e_1=0.333\ e$$

where:

E=Allowable sulfur oxides emissions (lb./hr.) from all affected units as determined pursuant to paragraph (2) of this paragraph.

e=Allowable sulfur oxides emissions (gm./sec.) from all affected units as determined pursuant to paragraph (2) of this paragraph (c).

E_1=Allowable sulfur oxides emissions (lb./hr.) from each affected unit.

e_1=Allowable sulfur oxides emissions (gm./sec.) from each affected unit.

(ii) The owner or operator of the fossil fuel-fired steam generating equipment to which this paragraph is applicable may submit a request to redesignate the allowable emissions specified in paragraph (c)(4)(i) of this section. Such a request shall be sumitted no later than December 2, 1974, and shall demonstrate that sulfur oxides emissions on a total plant basis will not exceed those specified in paragraphs (2) and (3)(i) of this paragraph (c). Upon receipt and evaluation of such request, the Administrator shall consider such and if appropriate, redesignate the allowable emissions specified in paragraph (c)(4)(i) of this section.

(5) All sulfur oxides control equipment at the fossil fuel-fired steam generating equipment to which this paragraph is applicable shall be operated at the maximum practicable efficiency at all times, without regard to the allowable sulfur oxides emissions, determined according to paragraph (2) or (3) of this paragraph (c), except as provided in paragraph (3)(ii) of this paragraph (c).

(6) Compliance with this paragraph shall be in accordance with the provisions of § 52.134(a).

(7) The test methods and procedures used to determine compliance with this paragraph shall be those prescribed in § 60.46(c)(2) and (c)(4) of this chapter. The test methods for determining the sulfur content of fuel shall be those specified in § 60.45(c) and (d) of this chapter.

(d) *Regulation for control of sulfur dioxide emissions (Pima, Central Arizona, and Southeast Arizona Intrastate Regions).* (1) (i) The owner or operator of any copper smelter located in the Pima Intrastate Region or in the Central Arizona Intrastate Region and identified in this paragraph shall comply with all the requirements of this paragraph.

(ii) After January 4, 1981, the owner or operator of any smelter subject to this paragraph shall not discharge or cause the discharge of sulfur dioxide into the atmosphere in excess of the following:

(*a*) In Pinal County: Magma Copper Company, San Manuel Division—9,000 kilograms per hour (19,850 lb/hr) maximum 6-hour average.

(*b*) In Gila County: ASARCO Incorporated, Hayden—2,140 kilograms per hour (4,710 lb/hr) maximum 6-hour average.

(*c*) In Gila County: Kennecott Copper Corporation, Ray Mines Division—1,750 kilograms per hour (3,850 lb/hr) maximum 6-hour average.

(*d*) In Gila County: Inspiration Consolidated Copper Company—1,450 kilograms per hour (3,180 lb/hr) maximum 6-hour average.

(*e*) In Pima County: Phelps Dodge Corporation, New Cornelia Branch—2,870 kilograms per hour (6,310 lb-hr) maximum 6-hour average.

(2) (i) The owner or operator of any copper smelter located in the Southeast Arizona Intrastate Region and identified in this paragraph shall comply with all the requirements of this paragraph.

(ii) After January 4, 1981, the owner or operator of any smelter subject to this subparagraph shall not discharge or cause the discharge of sulfur dioxide into the atmosphere in excess of the following:

(*a*) In Cochise County: Phelps Dodge Corporation, Douglas Reduction Works—5,870 kilograms per hour (12,940 lb/hr) maximum 6-hour average.

(*b*) In Greenlee County: Phelps Dodge Corporation, Morenci Branch—6,640 kilograms per hour (14,630 lb/hr) maximum 6-hour average.

(3) The limitations specified in paragraphs (d)(1)(ii) and (d)(2)(ii) of this section shall be determined by the methods of measurement and calculation specified in paragraphs (d)(5) and (d)(6) of this section respectively. The specified limitations shall apply to the sum total of sulfur dioxide emissions from the smelter processing units and sulfur oxide control and removal equipment, but not including uncaptured fugitive emissions and those emissions due solely to the use of fuel for space heating or steam generation.

(4) (i) The owner or operator of any smelter to which this paragraph is applicable shall no later than thirty (30) days following the effective date of this paragraph, submit to the Administrator for approval a proposed compliance schedule that demonstrates compliance with paragraph (d)(1) or (d)(2) of this section as expeditiously as practicable, but not later than the date specified in paragraph (d)(1)(ii) or (d)(2)(ii) of this section.

(ii) The compliance schedule submitted to the Administrator pursuant to paragraph (d)(4)(i) of this section shall provide for increments of progress toward compliance. The dates for achievement of such increments of progress shall be specified. Increments of progress and dates for achievement shall include, but not be limited to, the following:

(*a*) No later than two (2) months following the effective date of this paragraph—Submit a final control plan to the Administrator for meeting the requirements of paragraph (d)(i) or (d)(2) of this section;

(*b*) No later than four (4) months following the effective date of this paragraph—Let necessary contracts or issue purchase orders for process and/or control equipment to be used to accomplish the required emission control;

(*c*) No later than six (6) months following the effective date of this paragraph—Initiate on-site construction or installation of emission control equipment and/or process modification;

(*d*) No later than thirty-three (33) months following the effective date of this paragraph—Complete on-site construction or installation of emission control equipment and/or process modification;

(*e*) No later than January 4, 1981—Achieve full compliance with the requirements of paragraph (d)(1) or (d)(2) of this section.

(iii) The owner or operator of any smelter subject to the requirements of this paragraph shall certify to the Administrator within five (5) days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(iv) Notice must be given to the administrator at least thirty (30) days prior to conducting a performance test to afford him the opportunity to have an observer present.

(v) If any smelter subject to this paragraph is currently in compliance with the requirements of paragraph (d)(1) or (d)(2) of this section, the owner or operator of such smelter shall certify such compliance to the Administrator within thirty (30) days of the effective date of this paragraph. The Administrator may request whatever supporting information he considers necessary to determine the validity of the certification.

(vi) Within thirty (30) days of the effective date of this paragraph, the owner or operator of any smelter subject to this paragraph may submit to the Administrator for approval a proposed alternative compliance schedule. Each such proposed compliance schedule shall demonstrate compliance with paragraph (d)(1) or (d)(2) of this section as expeditiously as practicable. No such compliance schedule may provide for final compliance after January 4, 1981. If approved by the Administrator, such schedule shall replace the compliance schedule set forth in paragraph (d)(4)(ii) of this section.

(vii) Any compliance schedule submitted to the Administrator pursuant to paragraph (d)(4)(vi) of this section shall provide for increments of progress toward compliance. The dates for achievement of such increments of progress shall be specified. Increments of progress shall include, but not be limited to, the increments specified in paragraph (d)(4)(ii) of this section.

(5) (i) The owner or operator of any smelter to which this paragraph is applicable shall install, calibrate, maintain, and operate a measurement system(s) for continuously monitoring sulfur dioxide emissions and stack gas volumetric flow rates in each stack which could emit 5 percent or more of the total potential (without emission controls) hourly sulfur oxide emissions from the source and in the outlet of each sulfur dioxide control facility. For the purpose of this paragraph, "continuous monitoring" means the taking and recording of at least one measurement of sulfur dioxide concentration and stack gas flow rate reading from the effluent of each affected stack in each 15-minute period.

(ii) Within nine (9) months after the effective date of this paragraph, and at such other times in the future as the Administrator may specify, the sulfur dioxide concentration measurement system(s) installed and used pursuant to this paragraph shall be demonstrated to meet the measurement system performance specifications prescribed in Appendix D to this part.

(iii) Within nine (9) months after the effective date of this paragraph, and at such other times in the future as the Administrator may specify, the stack gas volumetric flow rate measurement system(s) installed and used pursuant to this paragraph shall be demonstrated to meet the measurement system performance specifications prescribed in Appendix E to this part.

(iv) The Administrator shall be notified at least thirty (30) days in advance of the start of the field test period required in Appendices D and E to this part to afford the Administrator the opportunity to have an observer present.

(v) (*a*) The sampling point shall be located at least eight stack diameters (diameter measured at sampling point) downstream and two diameters upstream from any flow disturbance such as a bend, expansion, constriction, or flame, unless another location is approved by the Administrator.

(*b*) The sampling point for monitoring emissions shall be in the duct at the centroid of the cross section if the cross sectional area is 4,645 m^2 (50 ft^2 at a point no closer to the wall than 0.914 m (3 ft) if the cross sectional area is 4.645 m^2 (50 ft^2) or more. The monitor sample point shall be in an area of small spatial concentration gradient and shall be representative of the concentration in the duct.

(vi) The measurement system(s) installed and used pursuant to this paragraph shall be subject to the manufacturer's recommended zero adjustment and calibration procedures at least once 24-hour operating period unless the manufacturer specifies or recommends calibration at shorter intervals, in which case such specifications or recommendations shall be followed. Records of these procedures shall be made which clearly show instrument readings before and after zero adjustment and calibration.

(vii) The owner or operator of any smelter subject to this paragraph shall maintain a record of all measurements required by this paragraph. Measurement results shall be expressed as kilograms of sulfur dioxide emitted per 6-hour period. A 6-hour average value calculated pursuant to paragraph (d)(6)(i) of this section shall be reported as of each hour for the preceding 6-hour period. Results shall be summarized monthly and shall be submitted to the Administrator within fifteen (15) days after the end of each month. A record of such measurements shall be retained for at least two years following the date of such measurements.

(viii) The continuous monitoring and recordkeeping requirements of this paragraph shall become applicable nine (9) months after the effective date of this paragraph.

(6) (i) Compliance with the requirements of paragraphs (d)(1) and (d)(2) of this section shall be determined using the continuous measurement system(s) installed, calibrated, maintained, and operated in accordance with the requirements of paragraph (d)(5) of this section. For all stacks equipped with the measurement system(s) required by paragraph (d)(5) of this section, a 6-hour average sulfur dioxide emission rate shall be calculated as of the end of each clock hour, for the preceding six hours, in the following manner:

(*a*) Divide each 6-hour period into twenty-four 15-minute segments.

(*b*) Determine on a compatible basis a sulfur dioxide concentration and stack gas flow rate measurement for each 15-minute period for each affected stack. These measurements may be obtained either by continuous integration of sulfur dioxide concentration and stack gas flow rate measurements (from the respective affected facilities) recorded during the 15-minute period or from the arithmetic average of any number of sulfur dioxide concentration and stack gas flow readings equally spaced over the 15-minute period. In the latter case, the same number of concentration readings shall be taken in each 15-minute period and the readings shall be similarly spaced within each 15-minute period.

(*c*) Calculate the arithmetic average from all 24 emission rate measurements in each 6-hour period for each stack. Measurements will be reported in kg SO_2/hr.

(*d*) Total the average sulfur dioxide emission rates for all affected stacks.

(ii) Notwithstanding the requirements of paragraph (d)(6)(i) of this section, compliance with the requirements of paragraphs (d)(1) and (d)(2) of this section shall also be determined by using the methods described below at such times as may be specified by the Administrator. For all stacks equipped with the measurement system(s) required by paragraph (d)(5) of this section, a 6-hour average sulfur dioxide emission rate (kg SO_2/hr) shall be determined as follows:

(*a*) The test of each stack emission rate shall be conducted while the processing units vented through such stack are operating at or above the maximum rate at which they will be operated and under such other conditions as the Administrator may specify.

(*b*) Concentrations of sulfur dioxide in emissions shall be determined by using Method 8 as described in Part 60 of this chapter. The analytical and computational portions of Method 8 as they relate to determination of sulfuric acid mist and sulfur trioxide as well as isokinetic sampling may be omitted from the overall test procedure.

(*c*) Three independent sets of measurements of sulfur dioxide concentrations and stack gas volumetric flow rates shall be conducted during three 6-hour periods for each stack. Each 6-hour period will consist of three consecutive 2-hour periods. Measurements of emissions from all stacks on the smelter premises need not be conducted simultaneously. All tests must be completed within a 72-hour period.

(*d*) In using Method 8, traversing shall be conducted according to Method 1 as described in Part 60 of this chapter. The minimum sampling volume for each 2-hour test shall be 1.133 m^3 (40 ft^3) corrected to standard conditions, dry basis.

(*e*) The volumetric flow rate of the total effluent from each stack evaluated shall be determined by using Method 2 as described in Part 60 of this chapter and by traversing according to Method 1. Gas analysis shall be performed by using the integrated sample technique of Method 3 as described in Part 60 of this chapter. Moisture content shall be determined by use of Method 4 as described in Part 60 of this chapter except that stack gases arising only from a sulfuric acid production unit may be considered to have zero moisture content.

(*f*) The gas sample shall be extracted at a rate proportional to the gas velocity at the sampling point.

(*g*) For each 2-hour test period, the sulfur dioxide emission rate for each stack shall be determined by multiplying the stack gas volumetric flow rate (m^3/hr at standard conditions, dry basis) by the sulfur dioxide concentration (kg/m^3 at standard conditions, dry basis). The emission rate in kg/hr maximum 6-hour average for each stack is determined by calculating the arithmetic average of the results of the three 2-hour tests conducted within a 6-hour period.

(*h*) The average emission rate from the three independent sets of measurements in kg/hr maximum 6-hour average for each stack is determined by calculating the arithmetic average of the 6-hour values calculated pursuant to paragraph (d)(6)(ii)(*g*) of this section.

(*i*) The sum total of sulfur dioxide emissions from the smelter premises in kg/hr is determined by adding together the emission rates (kg/hr) from all stacks equipped with the measurement system(s) required by paragraph (d)(5) of this section.

(This section is also issued under the authority of section 114 of the Clean Air Act, as amended, 42 U.S.C. 7414.)

(e) *Deferral of effectiveness.* Notwithstanding the provisions of paragraph (d) of this section or of § 52.131 of this subpart, the requirement of compliance with the provisions of paragraph (d) of this section is hereby temporarily deferred until its reestablishment by the Administrator.

(f) (1) Paragraphs B through E of regulation 7-1-4.2 (R9-3-402) (Sulfur Emissions: Fuel Burning Installations) of the Arizona Air Pollution Control Regulations are disapproved because they could allow existing oil fired facilities to use dispersion dependent techniques alone as a means of attaining and maintaining the national ambient air quality standards. The regulation does not assure the attainment and maintenance of the national standards in a manner which is consistent with the intent of sections 110(a)(2)(B) and 123(a)(2) of the Clean Air Act.

(2) The approval of paragraphs A and F of regulation 7-1-4.2 as to coal fired facilities does not apply to the Salt River Project Agricultural Improvement and Power District-Navajo Generating Station.

(3) Paragraphs B through E of regulation 8-1-4.2 (Sulfur Emissions—Fuel Burning Installations) of the Yuma County Air Pollution Control Regula-

tions are disapproved because they could allow existing facilities to use dispersion dependent techniques alone as a means of attaining and maintaining the National Ambient Air Quality Standards. This regulation does not assure the attainment and maintenance of the national standards in a manner which is consistent with the intent of sections 110(a)(2)(B) and 123(a)(2) of the Clean Air Act.

(g) Section 3, Regulation 3 (Sulfur from Primary Copper Smelters) of the Mohave County Health Department Air Pollution Control Regulations and Regulation 7-3-2.1 (Copper Smelters) of the Pinal-Gila Counties Air Quality Control District are disapproved since Section 36-1706 of the Arizona Revised Statutes grants exclusive jurisdiction to the Arizona Department of Health Services and the State Hearing Board over all existing copper smelters.

(1) The requirements of § 51.13 of this chapter are not met since the plan does not demonstrate that the emission limitations applicable to existing fuel burning equipment producing electrical energy will provide for the attainment and maintenance of the national standards in the Pima Intrastate Region (§ 81.269 of this chapter).

(2) Regulation II: Rule 7A—paragraphs 2 through 5, Emission Limitations Fuel Burning Equipment—Sulfur Dioxide, of the Rules and Regulations of the Pima County Air Pollution Control District are disapproved because they could allow existing facilities to use dispersion dependent techniques along as a means of attaining and maintaining the National Ambient Air Quality Standards. The regulation does not assure the attainment and maintenance of the national standards in a manner which is consistent with the intent of section 110(a)(2)(B) of the Clean Air Act.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7601(a)))

[37 FR 15081, July 27, 1972]

Editorial Note: For Federal Register citations to § 52.125, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.126 Control strategy and regulations: Particulate matter.

(a) The requirements of §§ 51.13 and 51.22 of this chapter are not met since the plan does not provide the degree of control necessary to attain and maintain the national standards for particulate matter in Gila, Maricopa, Pima, Pinal, and Santa Cruz Counties. Therefore, Regulation 7-1-3.6 (process industries) of the Arizona Rules and Regulations for Air Pollution Control is disapproved for Gila, Maricopa, Pima, Pinal, and Santa Cruz Counties.

(b) *Replacement regulation for Regulation 7-1-3.6 of the Arizona Rules and Regulations for Air Pollution Control (Gila, Maricopa, Pima, Pinal, and Santa Cruz Counties).* (1) No owner or operator of any stationary process source in Gila, Maricopa, Pima, Pinal, or Santa Cruz County shall discharge or cause the discharge of particulate matter into the atmosphere in excess of the hourly rate shown in the following table for the process weight rate identified for such source:

[In pounds per hour]

Process weight rate	Emission rate	Process weight rate	Emission rate
50	0.36	60,000	29.60
100	0.55	80,000	31.19
500	1.53	120,000	33.28
1,000	2.25	160,000	34.85
5,000	6.34	200,000	36.11
10,000	9.73	400,000	40.35
20,000	14.99	1,000,000	46.72

(2) Paragraph (b)(1) of this section shall not apply to incinerators, fuel burning installations, or Portland cement plants having a process weight rate in excess of 250,000 lb/h.

(3) No owner or operator of a Portland cement plant in Gila, Maricopa, Pima, Pinal, or Santa Cruz County with a process weight rate in excess of 250,000 lb/hr shall discharge or cause the discharge of particulate matter into the atmosphere in excess of the amount specified in § 60.62 of this chapter.

(4) Compliance with this paragraph shall be in accordance with the provisions of § 52.134(a).

(5) The test methods and procedures used to determine compliance with this paragraph are set forth below. The methods referenced are contained in the appendix to Part 60 of this chapter. Equivalent methods and procedures may be used if approved by the Administrator.

(i) For each sampling repetition, the average concentration of particulate matter shall be determined by using method 5. Traversing during sampling by method 5 shall be according to method 1. The minimum sampling time shall be 2 hours and the minimum sampling volume shall be 60 ft^3(1.70 m^3), corrected to standard conditions on a dry basis.

(ii) The volumetric flow rate of the total effluent shall be determined by using method 2 and traversing according to method 1. Gas analysis shall be performed using the integrated sample technique of method 3, and moisture content shall be determined by the condenser technique of method 4.

(iii) All tests shall be conducted while the source is operating at the maximum production or combustion rate at which such source will be operated. During the tests, the source shall burn fuels or combinations of fuels, use raw materials, and maintain process conditions representative of normal operation, and shall operate under such other relevant conditions as the Administrator shall specify.

(c) The requirements of § 51.22 of this chapter are not met since the plan does not contain regulations for Mohave and Yuma Counties in the Mohave-Yuma Intrastate Region or Pinal-Gila Counties in the Central Arizona Intrastate Region which provide enforceable and reproducible test procedures for the determination of compliance with the emission standards. Therefore paragraph C of section 3, regulation 2 (Particulates: Other Sources) of the Mohave County Air Pollution Control Regulations, paragraph B of regulation 8-1-3.6 (Particulates—Process Industries) of the Yuma County Air Pollution Control Regulations, and paragraph C of regulation 7-3-1.4 (Particulate Emissions—Incineration) and paragraph F of regulation 7-3-1.7 (Particulate Emissions—Fuel Burning Equipment) of the Rules and Regulations for Pinal-Gila Counties Air Quality Control District are disapproved.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7601(a)))

[37 FR 15081, July 27, 1972, as amended at 38 FR 12704, May 14, 1973; 43 FR 53034, Nov. 15, 1978; 45 FR 67346, Oct. 10, 1980]

§§ 52.127—52.128 [Reserved]

§ 52.129 Review of new sources and modifications.

(a) [Reserved]

(b) *National standards not met.* The requirements of § 51.18(c) of this chapter are not met in the Pima Intrastate Region since the Rules and Regulations of the Pima County Air Pollution Control District are not adequate to prevent construction or modification of a source which would interfere with the attainment or maintenance of the national standards.

(c) *Regulation for review of new sources and modifications.* (1) The requirements of this paragraph are applicable to any stationary source in the Pima Intrastate Region (§ 81.269 of this chapter), the construction or modification of which is commenced after the effective date of this regulation.

(2) No owner or operator shall commence construction or modification of any new source after the effective date of this regulation without first obtaining approval from the Administrator of the location of such source.

(i) Application for approval to construct or modify shall be made on forms furnished by the Administrator, or by other means prescribed by the Administrator.

(ii) A separate application is required for each source.

(iii) Each application shall be signed by the applicant.

(iv) Each application shall be accompanied by site information, stack data, and the nature and amount of emissions. Such information shall be sufficient to enable the Administrator to make any determination pursuant to paragraph (c)(3) of this section.

(v) Any additional information, plans, specifications, evidence or documentation that the Administrator may require shall be furnished upon request.

(3) No approval to construct or modify will be granted unless the applicant shows to the satisfaction of the Administrator that the source will not prevent or interfere with attainment or maintenance of any national standard.

(4) (i) Within twenty (20) days after receipt of an application to construct, or any addition to such application, the Administrator shall advise the owner or operator of any deficiency in the information submitted in support of the application. In the event of such a deficiency, the date of receipt of the application for the purpose of paragraph (c)(4)(ii) of this section, shall be the date on which all required information is received by the Administrator.

(ii) Within thirty (30) days after receipt of a complete application, the Administrator shall:

(*a*) Make a preliminary determination whether the source should be approved, approved with conditions, or disapproved.

(*b*) Make available in at least one location in each region in which the proposed source would be constructed, a copy of all materials submitted by the owner or operator, a copy of the Administrator's preliminary determination and a copy or summary of other materials, if any, considered by the Administrator in making his preliminary determination; and

(*c*) Notify the public, by prominent advertisement in a newspaper of general circulation in each region in which the proposed source would be constructed, of the opportunity for written public comment on the information submitted by the owner or operator and the Administrator's preliminary determination on the approvability of the source.

(iii) A copy of the notice required pursuant to this paragraph shall be sent to the applicant and to state and local air pollution control agencies, having cognizance over the location where the source will be situated.

(iv) Public comments submitted in writing within thirty (30) days after the date such information is made available shall be considered by the Administrator in making his final decision on the application. No later than ten (10) days after the close of the public comment period, the applicant may submit a written response to any comment submitted by the public. The Administrator shall consider the applicant's response in making his final decision. All comments shall be made available for public inspection in at least one location in the region in which the source would be located.

(v) The Administrator shall take final action on an application within thirty (30) days after the close of the public comment period. The Administrator shall notify the applicant in writing of his approval, conditional approval, or denial of the application, and shall set forth his reasons for conditional approval or denial. Such notification shall be made available for public inspection in at least one location in the region in which the source would be located.

(vi) The Administrator may extend each of the time periods specified in paragraph (c)(4) (ii), (iv) or (v) of this section by no more than 30 days, or such other period as agreed to by the applicant and the Administrator.

(5) The Administrator may cancel an approval if the construction is not begun within 2 years from the date of issuance, or if during the construction, work is suspended for 1 year.

(6) Approval to construct or modify shall not relieve any owner or operator of the responsibility to comply with any local, State or Federal regulation which is part of the applicable plan.

(7) Approval to construct or modify shall not be required for:

(i) The installation or alteration of an air pollutant detector, air pollutants recorder, combustion controller, or combustion shutoff.

(ii) Airconditioning or ventilating systems not designed to remove air pollutants generated by or released from equipment.

(iii) Fuel burning equipment, other than smokehouse generators, which has a heat input of not more than 250 MBtu/h (62.5 billion g-cal/h) and burns only gaseous fuel containing not more than 20.0 grain H_2S per 100 stdft ^{3} (45.8 g/100 stdm ^{3}); has a heat input of not more than 1 MBtu/h (250

Mg-cal/h) and burns only distillate oil; or has a heat input of not more than 350,000 Btu/h (88.2 Mg-cal/h) and burns any other fuel.

(iv) Mobile internal combustion engines.

(v) Laboratory equipment used exclusively for chemical or physical analysis.

(vi) Other sources of minor significance specified by the Administrator.

(8) Any owner or operator who constructs, modifies, or operates a stationary source not in accordance with the application, as approved and conditioned by the Administrator, or any owner or operator of a stationary source subject to this paragraph who commences construction or modification without applying for and receiving approval hereunder, shall be subject to enforcement action under section 113 of the Act.

(d) *Regulation for review of new sources and modifications: Federal Regulations.* (1) This requirement is applicable to any stationary source subject to the requirements of § 52.126(b), the construction or modification of which is commenced after the effective date of this regulation.

(2) No owner or operator shall commence construction or modification of any stationary source after the effective date of this regulation, without first obtaining approval from the Administrator of the location and design of such source.

(i) Application for approval to construct or modify shall be made on forms furnished by the Administrator, or by other means prescribed by the Administrator.

(ii) A separate application is required for each source.

(iii) Each application shall be signed by the applicant.

(iv) Each application shall be accompanied by site information, plans, descriptions, specifications, and drawings showing the design of the source, the nature and amount of emissions, and the manner in which it will be operated and controlled.

(v) Any additional information, plans, specifications, evidence, or documentation that the Administrator may require shall be furnished upon request.

(3) No approval to construct or modify will be granted unless the applicant shows to the satisfaction of the Administrator that the source will operate without causing a violation of § 52.126(b).

(4) (i) Within twenty (20) days after receipt of an application to construct, or any addition to such application, the Administrator shall advise the owner or operator of any deficiency in the information submitted in support of the application. In the event of such a deficiency, the date of receipt of the application for the purpose of paragraph (d)(4)(ii) of this section, shall be the date on which all required information is received by the Administrator.

(ii) Within thirty (30) days after receipt of a complete application, the Administrator shall:

(*a*) Make a preliminary determination whether the source should be approved, approved with conditions, or disapproved.

(*b*) Make available in at least one location in each region in which the proposed source would be constructed, a copy of all materials submitted by the owner or operator, a copy of the Administrator's preliminary determination and a copy or summary of other materials, if any, considered by the Administrator in making his preliminary determination; and

(*c*) Notify the public, by prominent advertisement in a newspaper of general circulation in each region in which the proposed source would be constructed, of the opportunity for written public comment on the information submitted by the owner or operator and the Administrator's preliminary determination on the approvability of the source.

(iii) A copy of the notice required pursuant to this paragraph shall be sent to the applicant and to state and local air pollution control agencies, having cognizance over the location where the source will be situated.

(iv) Public comments submitted in writing within thirty (30) days after the date such information is made available shall be considered by the Administrator in making his final decision on the application. No later than ten (10) days after the close of the public comment period, the applicant may submit a written response to any comment submitted by the public. The Administrator shall consider the applicant's response in making his final decision. All comments shall be made available for public inspection in at least one location in the region in which the source would be located.

(v) The Administrator shall take final action on an application within thirty (30) days after the close of the public comment period. The Administrator shall notify the applicant in writing of his approval, conditional approval, or denial of the application, and shall set forth his reasons for conditional approval or denial. Such notification shall be made available for public inspection in at least one location in the region in which the source would be located.

(vi) The Administrator may extend each of the time periods specified in paragraph (d)(4)(ii), (iv) or (v) of this section by no more than 30 days, or such other period as agreed to by the applicant and the Administrator.

(5) The Administrator may impose any reasonable conditions upon an approval including conditions requiring the source to be provided with:

(i) Sampling ports of a size, number, and location as the Administrator may require,

(ii) Safe access to each port,

(iii) Instrumentation to monitor and record emission data, and

(iv) Any other sampling and testing facilities.

(6) The Administrator may cancel an approval if the construction is not begun within 2 years from the date of issuance, or if during the construction, work is suspended for 1 year.

(7) Any owner or operator subject to the provisions of this regulation shall furnish the Administrator written notification as follows:

(i) A notification of the anticipated date of initial startup of source not more than 60 days or less than 30 days prior to such date.

(ii) A notification of the actual date of initial startup of a source within 15 days after such date.

(8) Within 60 days after achieving the maximum production rate at which the source will be operated but not later than 180 days after initial startup of such source, the owner or operator of such source shall conduct a performance test(s) in accordance with the methods and under operating conditions approved by the Administrator and furnish the Administrator a written report of the results of such performance test.

(i) Such test shall be at the expense of the owner or operator.

(ii) The Administrator may monitor such test and also may conduct performance tests.

(iii) The owner or operator of a source shall provide the Administrator 15 days prior notice of the performance test to afford the Administrator the opportunity to have an observer present.

(iv) The Administrator may waive the requirement for performance tests if the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the source is being operated in compliance with the requirements of § 52.126(b).

(9) Approval to construct or modify shall not relieve the owner or operator of the responsibility to comply with all local, State, or Federal regulations which are part of the applicable plan.

(10) Approval to construct or modify shall not be required for:

(i) The installation or alteration of an air pollutant detector, air pollutants recorder, combustion controller, or combustion shutoff.

(ii) Air-conditioning or ventilating systems not designed to remove air pollutants generated by or released from equipment.

(iii) Fuel burning equipment, other than smokehouse generators, which has a heat input of not more than 250 MBtu/h (62.5 billion g-cal/h) and burns only gaseous fuel containing not more than 20.0 grain H_2S per 100 stdft^3 (45.8 g/100 stdm^3); has a heat input of not more than 1 MBtu/h (250 Mg-cal/h) and burns only distillate oil; or has a heat input of not more than 350,000 Btu/h (88.2 Mg-cal/h) and burns any other fuel.

(iv) Mobile internal combustion engines.

(v) Laboratory equipment used exclusively for chemical or physical analyses.

(vi) Other sources of minor significance specified by the Administrator.

(11) Any owner or operator who constructs, modifies, or operates a stationary source not in accordance with the application, as approved and conditioned by the Administrator, or any owner or operator of a stationary source subject to this paragraph who commences construction or modification without applying for and receiving approval hereunder, shall be subject to enforcement action under section 113 of the Act.

(e) The requirements of § 51.18 of this chapter are not met since the State of Arizona failed to submit a plan for review of new or modified indirect sources.

(f) *Regulations for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Arizona.

(g) *Delegation of authority.* (1) The Administrator shall have the authority to delegate responsibility for implementing the procedures for conducting source review pursuant to this section in accordance with paragraphs (g) (2), (3), and (4) of this section.

(2) Where the Administrator delegates the responsibility for implementing the procedures for conducting source review pursuant to this section to any Agency, other than a Regional Office of the Environmental Protection Agency, a copy of the notice pursuant to paragraph (c)(4)(iii) and (d)(4)(iii) of this section shall be sent to the Administrator through the appropriate Regional Office.

(3) In accordance with Executive Order 11752, the Administrator's authority for implementing the procedures for conducting source review pursuant to this section shall not be delegated, other than to a Regional Office of the Environmental Protection Agency, for new or modified sources which are owned or operated by the Federal government or for new or modified sources located on Federal lands; except that, with respect to the latter category, where new or modified sources are constructed or operated on Federal lands pursuant to leasing or other Federal agreements, the Federal Land Manager may at his discretion, to the extent permissible under applicable statutes and regulations, require the lessee or permittee to be subject to new source review requirements which have been delegated to a state or local agency pursuant to this paragraph.

(4) The Administrator's authority for implementing the procedures for conducting source review pursuant to this section shall not be redelegated, other than to a Regional Office of the Environmental Protection Agency, for new or modified sources which are located in Indian reservations except where the State has assumed jurisdiction over such land under other laws, in which case the Administrator may delegate his authority to the States in accordance with paragraphs (g)(2), (3), and (4) of this section.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7601(a)))

[37 FR 15081, July 27, 1972, as amended at 38 FR 12705, May 14, 1973; 39 FR 7279, Feb. 25, 1974; 39 FR 28285, Aug. 8, 1974; 40 FR 50268, Oct. 29, 1975; 45 FR 67346, Oct. 10, 1980]

§ 52.130 Source surveillance.

(a) The requirements of § 51.19(a) of this chapter are not met since the plan does not contain legally enforceable procedures for requiring sources in the Northern Arizona, Mohave-Yuma, Central Arizona, and Southeast Arizona Intrastate Regions to maintain records of and periodically report on the nature and amounts of emissions.

(b) The requirements of § 51.19(d) of this chapter are not met because the plan does not provide procedures for obtaining and maintaining data on actual emission reductions achieved as a result of implementing transportation control measures.

(c) *Regulation for source recordkeeping and reporting.* (1) The owner or operator of any stationary source in the Northern Arizona, Mohave-Yuma, Central Arizona, or Southeast Arizona Intrastate Region (§§ 81.270, 81.268, 81.271, and 81.272 of this chapter) shall, upon notification from the Administrator, maintain records of the nature and amounts of emissions from such source or any other information as may be deemed necessary by the Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures.

(2) The information recorded shall be summarized and reported to the Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1 to June 30 and July 1 to December 31, except that the initial reporting period shall commence on the date the Administrator issues notification of the recordkeeping requirements.

(3) Information recorded by the owner or operator and copies of the summarizing reports submitted to the Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures. All such emission data will be available during normal business hours at the regional office (region IX). The Administrator will designate one or more places in Arizona where such emission data and correlations will be available for public inspection.

(d) The requirements of § 51.19(e) of this chapter are not met since the plan does not contain legally enforceable procedures for requiring certain stationary sources subject to emission standards to install, calibrate, operate, and maintain equipment for continuously monitoring and recording emissions, and to provide other information as specified in Appendix P of Part 51 of this chapter.

(e) The requirements of § 51.19(e) of this chapter are not met since the plan does not provide sufficient regulations to meet the minimum specifications of Appendix P in the Maricopa Intrastate Region. Additionally, Maricopa County Air Pollution Control Regulation IV, rule 41, paragraph B, sections 6.0-6.4 (Special Consideration) is disapproved since it does not contain the specific criteria for determining those physical limitations or extreme economic situations where alternative monitoring requirements would be applicable.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7601(a)))

[37 FR 15081, July 27, 1972]

Editorial Note: For Federal Register citations to § 52.130, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.131 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Arizona's plan, except where noted.

Air quality control region and nonattainment area	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Central Arizona Intrastate	e[1]	e[2]	b	b	c	(4)	(5).
Maricopa Intrastate:							
Maricopa County Urban Planning Area Nonattainment Area.	d	d	b	b	c	(4)	d.
Remainder of Interstate	e[1]	e[2]	b	b	c	(4)	(5).
Mohave-Yuma Intrastate	a	a	a	a	c	a	a.
Northern Arizona Intrastate	a	a	(3)	(3)	c	c	c.
Pima Intrastate	e[1]	e[2]	b	b	c	(4)	(5).
Southeast Arizona Intrastate:							
Santa Cruz County	e[1]	e[2]	b	b	c	(4)	(5).
Remainder of Intrastate	a	a	b	b	c	c	c.

[1] July 1975.

[2] July 1977.

[3] July 31, 1977.

[4] May 31, 1977.

[5] May 31, 1975.

Note 1: Dates or footnotes which are italicized are prescribed by the Administrator because the plan does not provide a specific date or the date provided is not acceptable.

NOTE 2: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.131 (1980).

a. July 1975.
b. January 4, 1981.
c. Air quality levels presently below secondary standards.
d. December 31, 1982.
e. Transportation and/or land use control strategy will be proposed by the Administrator.
f. December 31, 1987.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501 to 7508, and 7601(a)))

[37 FR 15082, July 27, 1972, as amended at 38 FR 7325, Mar. 20, 1973; 38 FR 12711, May 14, 1973; 38 FR 33373, Dec. 3, 1973; 39 FR 10584, Mar. 21, 1974; 39 FR 16345, May 8, 1974; 39 FR 20061, June 6, 1974; 43 FR 761, Jan. 4, 1978; 46 FR 45607, Sept. 14, 1981; 47 FR 19329, May 5, 1982; 47 FR 28373, June 30, 1982]

§ 52.132 [Reserved]

§ 52.133 Rules and regulations.

(a) Regulation 7-1-1.4(A) (Exceptions) of the Arizona Rules and Regulations for Air Pollution Control, regulations 12-3-2 (Emission Standards) of the Coconino County Rules and Regulations for Air Pollution Control, Sec. 3, Reg. 5 (Exceptions) of the Mohave County Air Pollution Control Regulations, regulation 8-1-1.6 (Exceptions) of the Yuma County Air Pollution Control Regulations, and regulation 7-1-2.8 (Exceptions) of the Rules and Regulations for Pinal-Gila Counties Air Quality Control District all provide for an exemption from enforcement action if the violation is attributable to certain events. These events are too broad in scope and the source can obtain the exemption merely by reporting the occurrence. Therefore, the above regulations are disapproved since these regulations make all approved emission limiting regulations potentially unenforceable.

(b) Paragraph E of regulation 7-1-1.3 (R9-3-103) (Air Pollution Prohibited) prohibits any person from causing ground level concentrations to exceed ambient standards outside the boundaries of his operation. This regulation could allow violations of ambient air quality standards to occur in areas to which the public has access, contrary to the requirements of section 110(a)(1) of the Clean Air Act. Therefore, paragraph E of regulation 7-1-1.3 (R9-3-103) of the Arizona Rules and Regulations for Air Pollution Control is disapproved.

(c) The requirements of §§ 51.13 and 51.22 of this chapter are not met since the plan does not provide any enforceable regulations and a demonstration that such regulations will cause the attainment and maintenance of national ambient air quality standards in Graham and Greenlee Counties.

(d) Section 3, regulation 4 (Ground Level Concentrations) of the Mohave County Air Pollution Control Regulations, paragraph E of regulation 8-1-1.3 (Air Pollution Prohibited) of the Yuma County Air Pollution Control Regulations, and paragraph C of regulation 7-1-1.3 (Air Pollution Prohibited) of the Rules and Regulations for Pinal-Gila Counties Air Quality Control District prohibits any person from causing ground level concentrations to exceed ambient standards outside the boundaries of his operation. These regulations could allow violations of ambient air quality standards to occur in areas to which the general public has access, contrary to the requirements of section 110(a)(1) of the Clean Air Act. Therefore, these regulations are disapproved.

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410, 7601(a)))

[37 FR 15082, July 27, 1972, as amended at 43 FR 33247, July 31, 1978; 43 FR 53035, Nov. 15, 1978]

§ 52.134 Compliance schedules.

(a) *Federal compliance schedule.* (1) Except as provided in paragraph (a)(2) of this section, the owner or operator of any stationary source subject to § 52.126(b) shall comply with such regulation on or before January 31, 1974. The owner or operator of the source subject to § 52.125(c) shall comply with such regulation at initial start-up of such source unless a compliance schedule has been submitted pursuant to paragraph (a)(2) of this section.

(i) Any owner or operator in compliance with § 52.126(b) on the effective date of this regulation shall certify such compliance to the Administrator no later than 120 days following the effective date of this paragraph.

(ii) Any owner or operator who achieves compliance with § 52.125(c) or § 52.126(b) after the effective date of this regulation shall certify such compliance to the Administrator within 5 days of the date compliance is achieved.

(2) Any owner or operator of the stationary source subject to § 52.125(c) and paragraph (a)(1) of this section may, no later than July 23, 1973, submit to the Administrator for approval a proposed compliance schedule that demonstrates compliance with § 52.125(c) as expeditiously as practicable but not later than July 31, 1977. Any owner or operator of a stationary source subject to § 52.126(b) and paragraph (a)(1) of this section may, no later than 120 days following the effective date of this paragraph, submit to the Administrator for approval a proposed compliance schedule that demonstrates compliance with § 52.126(b) as expeditiously as practicable but not later than July 31, 1975.

(i) The compliance schedule shall provide for periodic increments of progress toward compliance. The dates for achievement of such increments shall be specified. Increments of progress shall include, but not be limited to: submittal of the final control plan to the Administrator; letting of necessary contracts for construction or process change, or issuance of orders for the purchase of component parts to accomplish emission control equipment or process modification; completion of onsite construction or installation of emission control equipment or process modification; and final compliance.

(ii) Any compliance schedule for the stationary source subject to § 52.125(c) which extends beyond July 31, 1975, shall apply any reasonable interim measures of control designed to reduce the impact of such source on public health.

(3) Any owner or operator who submits a compliance schedule pursuant to this paragraph shall, within 5 days after the deadline for each increment of progress, certify to the Administrator whether or not the required increment of the approved compliance schedule has been met.

(b) Compliance schedules for the sources identified below are approved as meeting the requirements of paragraph (a) of this section. All regulations cited are air pollution control regulations of the State, unless otherwise noted. Approval of a compliance schedule includes approval of all dates for achievement of increments of progress and final compliance as specified therein, and failure to achieve an increment of progress or final compliance by the specified date will be considered a violation of the compliance schedule.

Source	Location	Regulation involved	Effective date	Final compliance date
Salt River Project Agriculture Improvement and Power District.	Coconino County	40 CFR 81.125(c)[1]	Immediately[2]	July 31, 1977.
Spreckels Sugar Division	Maricopa County	40 CFR 52.126(b)[1]	Jan. 31, 1974	July 31, 1975.
Producers Cotton Oil Co.:				
a. Avra Gin	Pima County	40 CFR 52.126(b)[1]	do	Do.
b. Coolidge Gin	Pinal County	40 CFR 52.126(b)[1]	do	Do.
c. Magma Gin	do	40 CFR 52.126(b)[1]	do	Do.
American Smelting and Refining Co.:				
a. Reverberatory furnaces and roasters.	do	40 CFR 52.126(b)[1]	do	Nov. 1, 1974.
Magma Copper Co.:				
a. Reverberatory furnaces	do	40 CFR 52.126(b)[1]	do	May 15, 1975.
b. Converters	do	40 CFR 52.126(b)[1]	do	Dec. 30, 1974.
Independent Gin Co	do	40 CFR 52.126(b)[1]	do	July 31, 1975.
Arizona Gins Co.:				
a. Liberty Gin	Maricopa County	40 CFR 52.126(b)[1]	do	June 30, 1975.
b. South Mountain Gin	do	40 CFR 52.126(b)[1]	do	June 15, 1975.

Source	Location	Regulation involved	Effective date	Final compliance date
c. Cashion Gin	do	40 CFR 52.126(b) [1]	do	July 15, 1975.
d. Santa Rosa Gin	Pinal County	40 CFR 52.126(b) [1]	do	June 1, 1975.
e. Chico Gin No. 1	Pima County	40 CFR 52.126(b) [1]	do	July 10, 1975.
f. Chico Long Staple Gin	do	40 CFR 52.126(b) [1]	do	July 31, 1975.
Chandler Ginning Co.:				
a. Chandler Gin	Maricopa County	40 CFR 52.126(b) [1]	do	Dec. 31, 1974.
b. Serape Gin	do	40 CFR 52.126(b) [1]	do	Do.
c. Higley Gin	do	40 CFR 52.126(b) [1]	do	Nov. 20, 1974.
d. Queen Creek Gin	do	40 CFR 52.126(b) [1]	do	Dec. 31, 1974.
Casa Grande Oil Mill:				
a. Meal loading system	Pinal County	40 CFR 52.126(b) [1]	do	Nov. 1, 1974.
b. Pneumatic transfer system	do	40 CFR 52.126(b) [1]	do	Do.
Flintkote Co	Nelson County	7-1-3.1, 7-1-3.2, and 7-1-3.6.	Immediately	Feb. 28, 1975.

[1] Federally promulgated regulation.

[2] Compliance schedule dated February 4, 1974 and transmitted to EPA on February 5, 1974.

[38 FR 12705, May 14, 1973, as amended at 39 FR 10584, Mar. 21, 1974; 39 FR 43277, Dec. 12, 1974; 40 FR 3994, Jan. 27, 1975]

§ 52.135 Resources.

(a) The requirements of § 51.20 of this chapter are not met because the transportation control plan does not contain a sufficient description of resources available to the State and local agencies and of additional resources needed to carry out the plan during the 5-year period following submittal.

[38 FR 16564, June 22, 1973]

§ 52.136 Control strategy: Carbon monoxide.

The requirements of § 51.14 of this chapter are not met because the plan does not contain sufficient measures to provide for attainment and maintenance of the national standards for carbon monoxide in the Pima Intrastate Region as expeditiously as practicable.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501 to 7508, and 7601(a)))

[47 FR 19329, May 5, 1982]

§ 52.137 Employer carpool incentive program.

(a) Definitions:

(1) [Reserved]

(2) "Greater Tucson Area" means an area bounded by a line starting at the intersection of Sweetwater Drive and Silverbell Road, thence 7 miles east, thence 1 mile south, thence 5.5 miles east, thence 9 miles south, thence 5 miles west, thence 3.5 miles south, thence 5.5 miles west, thence 6 miles north, thence 2 miles west, thence 7.5 miles north to the point of origin.

(b) This section is applicable within the Greater Tucson area in the Pima Intrastate Air Quality Control Region.

(c) On or before March 1, 1974, the State of Arizona shall submit to the Administrator a compliance schedule implementing the approved employer carpool incentive program. This compliance schedule shall, at a minimum, provide that each employer in areas specified in paragraph (b) of this section who maintains more than 200 employee parking spaces shall, on or before April 1, 1974, submit to the State of Arizona an adequate incentive program designed to encourage the use of carpools and mass transit and discourage employees from using single-passenger automobiles to commute to work. Each program should contain provisions for preferential parking, covered parking and other benefits to employees who travel to work by carpool; subsidies to employees who use mass transit, reductions in the number of employee parking spaces or surcharges on the use of such spaces by employees; provision of special charter buses or other modes of mass transit for the use of employees; and/or any other measures acceptable to the Administrator. By June 1, 1974, the State of Arizona shall submit each programs so received, together with the State's evaluation of the program and the State's recommendation as to whether the program should be approved or disapproved, to the Administrator.

(d) On or before August 1, 1974, the Administrator shall approve or disapprove each program so submitted. Notice of such approval or disapproval shall be published in this Part 52.

(e) In order to be approvable by the Administrator, each program shall contain procedures whereby the employer will supply the State of Arizona and the Administrator with semiannual certified reports. The semiannual periods are January 1-June 30 and July 1-December 31, and the certified reports required by this section shall be submitted within 45 days after the end of each reporting period. The first such report shall be submitted no later than August 15, 1974. Such reports shall show, at a minimum, the following information:

(1) The number of employees at each of the employer's facilities within the areas specified in paragraph (b) of this section on December 31, 1973, and as of the date of the report.

(2) The number of (i) free and (ii) non-free employee parking spaces provided by the employer at each such employment facility on December 31, 1973, and as of the date of the report.

(3) The number of employees regularly commuting to and from work by (i) private automobile, (ii) carpool, and (iii) mass transit at each such employment facility on December 31, 1973, and as of the date of the report.

(4) Such other information as the Administrator may prescribe.

(f) If, after the Administrator has approved a carpool incentive program, the employer fails to submit any reports in full compliance with paragraph (e) of this section, or if the Administrator finds that any such report has been intentionally falsified, or if the Administrator determines that the program is not in operation or is not providing adequate incentives for employee use of carpools and mass transit, the Administrator may revoke the approval of such plan. Such revocation shall constitute a disapproval.

(g) By September 1, 1974, the Administrator shall prescribe a carpool incentive program for each employer to whom paragraph (b) of this section is applicable if such employer has not submitted a program. By October 1, 1974, the Administrator shall prescribe a carpool incentive program for each employer to whom paragraph (b) of this section is applicable if the program submitted is not adequate. Within 2 months after any revocation pursuant to paragraph (f) of this section, the Administrator shall prescribe a carpool incentive program for the affected employer. Any program prescribed by the Administrator shall be published in this Part 52.

(h) All programs approved under paragraph (d) of this section or promulgated under paragraph (g) of this section on account of an initial failure to submit a plan shall be fully implemented on or before November 1, 1974.

(i) Each employer in the Region who maintains more than 70 employee parking spaces shall, on or before April 1, 1975, submit to the Administrator an adequate annual incentive program conforming to the requirements of paragraphs (b) and (e) of this section, except that in paragraph (e) of this section the reference date for reports shall be October 15, 1974, rather than January 1, 1974. Each such program shall be subject to approval or disapproval by the Administrator by June 1, 1975. Each such program, when approved, shall be subject to revocation as provided in paragraph (f) of this section.

(j) By June 1, 1975, the Administrator shall prescribe a carpool incentive program for each employer to which paragraph (i) of this section is applicable if such employer has not submitted a program. By August 1, 1975, the Administrator shall prescribe a carpool incentive program for each employer to which paragraph (i) of this section is applicable if the program submitted is not adequate. Within 2 months after any revocation of any program of any employer pursuant to paragraph (f) of this section, the Administrator shall prescribe a carpool incentive program for the affected employer. Any program prescribed by the Administrator shall be published in this Part 52. All such programs shall be fully implemented on or before September 1, 1975.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501 to 7508, and 7601(a)))

[38 FR 33374, Dec. 3, 1973, as amended at 39 FR 32112, Sept. 5, 1974; 47 FR 19329, May 5, 1982]

§ 52.138 Bus/carpool matching program.

(a) Definitions:

(1) [Reserved]

(2) "Greater Tucson Area" means an area bounded by a line starting at the intersection of Sweetwater Drive and Silverbell Road, thence 7 miles east, thence 1 mile south, thence 5.5 miles east, thence 9 miles south, thence 5 miles west, thence 3.5 miles south, thence 5.5 miles west, then 6 miles north, thence 2 miles west, thence 7.5 miles north to the point of origin.

(b) This section is applicable within the Greater Tucson Area in the Pima Intrastate Air Quality Control Region.

(c) On or before March 1, 1974, the State of Arizona shall submit to the Administrator a compliance schedule for implementing the approved bus/carpool matching program. This compliance schedule shall, at a minimum, provide for implementation of the program in the following phases:

(1) On or before May 1, 1974, bus/carpool matching shall be made available to the following employees:

(i) [Reserved]

(ii) *Tucson central business district.* At least 2,000 employees whose work location is within an area bounded by a circle of 2-mile radius centered at the intersection of Congress Street and Stone Avenue.

(2) On or before November 1, 1974, bus/carpool matching shall be made available to the following employees.

(i) [Reserved]

(ii) *Greater Tucson Area.* All employees in businesses having more than 100 employees.

(3) On or before September 1, 1975, bus/carpool matching shall be made available to the following employees:

(i) [Reserved]

(ii) *Greater Tucson Area.* All employees in businesses having more than 50 employees.

(d) The compliance schedule shall also include the following:

(1) A method of collecting information that shall include the following as a minimum:

(i) Provisions that each affected employee receive an application form with a cover letter describing the matching program.

(ii) Provisions on each application form for applicant identification of time, origin, and destination.

(iii) Provisions for each applicant to receive a list of names and work phone numbers of all other applicants who have similar origins and destinations and whose work hours most nearly match theirs.

(2) A manual or computer method of matching information that will have provisions for locating each applicant's origin and destination within a grid system in the urban area and the semi-rural region surrounding the Greater Tucson Area and matching applicants with identical origin and destination grids and compatible work schedules.

(3) A method for providing continuing service such that the master list of all applicants is retained and available for use by new applicants, applications are currently available, and the master list is periodically updated to remove applicants who have moved from the area.

(4) An agency or agencies responsible for operating, overseeing, and maintaining the bus/carpool matching program.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501 to 7508, and 7601(a)))

[38 FR 33375, Dec. 3, 1973, as amended at 39 FR 32112, Sept. 5, 1974; 47 FR 19329, May 5, 1982]

§ 52.139 [Reserved]

§ 52.140 Monitoring transportation trends.

(a) This section is applicable to the State of Arizona.

(b) In order to assure the effectiveness of the inspection and maintenance program and the retrofit devices required under the Arizona implementation plan, the State shall monitor the actual per-vehicle emissions reductions occurring as a result of such measures. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the State in accordance with § 58.35 of this chapter. The first quarterly report shall cover the period January 1 to March 31, 1976.

(c) In order to assure the effective implementation of §§ 52.137, 52.138, and 52.139, the State shall monitor vehicle miles traveled and average vehicle speeds for each area in which such sections are in effect and during such time periods as may be appropriate to evaluate the effectiveness of such a program. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the State of Arizona in accordance with § 58.35 of this chapter. The first quarterly report shall cover the period from July 1 to September 30, 1974. The vehicle miles traveled and vehicle speed data shall be collected on a monthly basis and submitted in a format similar to Table 1.

TABLE 1

Time period..

Affected area..

Roadway type	VMT or average vehicle speed	
	Vehicle type (1)	Vehicle type (2)[1]
Freeway........................		
Arterial........................		
Collector........................		
Local........................		

[1] Continue with other vehicle types as appropriate.

(d) No later than March 1, 1974, the State shall submit to the Administrator a compliance schedule to implement this section. The program description shall include the following:

(1) The agency or agencies responsible for conducting, overseeing, and maintaining the monitoring program.

(2) The administrative procedures to be used.

(3) A description of the methods to be used to collect the emission data, VMT data, and vehicle speed data; a description of the geographical area to which the data apply; identification of the location at which the data will be collected; and the time periods during which the data will be collected.

(e) The quarterly reports specified in paragraphs (b) and (c) of this section shall be submitted to the Administrator through the Regional Office, and shall be due within 45 days after the end of each reporting period.

(Secs. 110, 301(a), 313, 319, Clean Air Act (42 U.S.C. 7410, 7601(a), 7613, 7619))

[38 FR 33376, Dec. 3, 1973, as amended at 39 FR 32113, Sept. 5, 1974; 44 FR 27571, May 10, 1979]

§§ 52.141—52.142 [Reserved]

§ 52.143 Maintenance of national standards.

(a) The areas listed below are hereby identified by the Administrator pursuant to § 51.12(e) and (f) of the chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Phoenix SMSA Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, carbon monoxide, and photochemical oxidants.

(ii) Geographical composition of area:

Maricopa County.

(2) Tucson SMSA Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

Pima County.

[40 FR 41948, Sept. 9, 1975]

§ 52.144 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Arizona.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart E—Arkansas

§ 52.170 Identification of plan.

(a) Title of plan: "Arkansas Plan of Implementation for Air Pollution Control."

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) A certification that the public hearings on the plan were held was submitted by the State Department of Pollution Control and Ecology on January 25, 1972. (Non-regulatory)

(2) State Department of Pollution Control and Ecology letter outlining projected emission reductions, ASA forecasts, source surveillance, legal authority and interstate cooperation was submitted on February 24, 1972. (Non-regulatory)

(3) Revision of section 16 of the State air code was submitted by the Department of Pollution Control and Ecology on July 7, 1972.

(4) June 27, 1975, letter from the Governor submitting Sections 1 through 10 of the Regulations and Strategy of the Arkansas Plan of Implementation for Air Pollution Control except those portions relating to delegation of authority to enforce Federal requirements.

(5) August 16, 1976, statement issued by Director of the Arkansas Department of Pollution Control and Ecology specifying the test and reference methods for determining compliance with emission limitations.

(6) Administrative changes to the Arkansas Air Quality Surveillance Network were submitted by the Arkansas Department of Pollution Control and Ecology on February 15, 1977, January 10, 1978, and March 27, 1978. (Non-regulatory.)

(7) On April 4, 1979, the Governor submitted the nonattainment area plan for the area designated nonattainment as of March 3, 1978.

(8) On August 14, 1979, the Governor submitted supplemental information clarifying the plan.

(9) Revisions to Arkansas Regulation 4.5(a) for the "Control of Volatile Organic Compounds" showing a final compliance date of June 1, 1981, was submitted by the Arkansas Governor on December 10, 1979.

(10) A modification to the definition for lowest achievable emission rate (LAER), consistent with the definition contained in Section 171(3) of the Act, was submitted by the Arkansas Governor on December 10, 1979.

(11) On July 11, 1979, the Governor submitted revisions to Section 6(a) malfunction or upset and Section 7(e) continuous emission monitoring of the Arkansas Regulations.

(12) Revisions to Section 3 (i.e., 3.(a), (b), (k), (l), (n), (o), (z), (bb), (dd), (ee), (ff), and (gg)), Section 4 (i.e., 4.1(b), 4.2(a), 4.5(a)(1), 4.5(a)(2), 4.6(c), and 4.6(d)), and Section 5 (i.e., 5.4 and 5.5) were adopted by the Arkansas Commission on Pollution Control and Ecology on September 26, 1980 and submitted by the Governor on October 10, 1980.

(13) Revisions to Section 3 (i.e., 3.(ii) through 3.(nn)), Section 4 (i.e., 4.1, 4.5(a)(1), 4.5(a)(2), and 4.6(e)), and Section 5 (i.e., 5.6) of the Arkansas Regulations for the Control of Volatile Organic Compounds were adopted by the Arkansas Commission on Pollution Control and Ecology on April 10, 1981 and submitted by the Governor on April 23, 1981.

(14) A variance to Regulation 8 for Weyerhaeuser Gypsum Plant in Nashville, Arkansas was submitted by the Governor on June 29, 1981.

(15) On April 23, 1981, the Governor submitted revisions to the plan to incorporate Federal Prevention of Significant Deterioration (PSD) Regulations 40 CFR 52.21 by reference.

(16) On September 11, 1981, the Governor submitted a revision to Section 8 of the Regulations of the Arkansas Plan of Implementation for Air Pollution Control which implements an emission limit for Energy Systems Company of El Dorado, Arkansas.

(17) The Arkansas State Implementation Plan for lead was submitted to EPA on December 10, 1979, by the Governor of Arkansas as adopted by the Arkansas Department of Pollution Control and Ecology on November 16, 1979. A letter of clarification dated January 5, 1982, also was submitted.

(18) Revisions to the plan for intergovernmental consultation, interstate pollution abatement, and composition of the Arkansas Commission on Pollution Control and Ecology were submitted to EPA by the Arkansas Department of Pollution Control and Ecology on January 9, 1980.

(19) Revision to the plan for maintenance of employee pay was submitted to EPA by the Arkansas Department of Pollution Control and Ecology on January 9, 1980.

(20) On April 24, 1980, the Governor submitted final revisions to the ambient monitoring portion of the plan.

(Secs. 110(a), 161 *et seq.* and 172 of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7471 and 7502)

[37 FR 10850, May 31, 1972]

Editorial Note: For Federal Register citation to § 52.170, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Effective Date Note: In § 52.170, paragraph (c)(19) was added at 46 FR 18861, May 3, 1982, effective July 2, 1982, and paragraph (c)(18) was added at 46 FR 19136, May 4, 1982, effective July 6, 1982.

§ 52.171 Classification of regions.

The Arkansas plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Central Arkansas Intrastate	II	III	III	III	III
Metropolitan Fort Smith Interstate	II	III	III	III	III
Metropolitan Memphis Interstate	I	III	III	III	I
Monroe (Louisiana)-El Dorado (Arkansas) Interstate	II	III	III	III	III
Northeast Arkansas Intrastate	III	III	III	III	III
Northwest Arkansas Intrastate	III	III	III	III	III
Shreveport-Texarkana-Tyler Interstate	II	III	III	III	III

[37 FR 10850, May 31, 1972, as amended at 39 FR 16346, May 8, 1974; 45 FR 6571, Jan. 29, 1980]

§ 52.172 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Arkansas' plan for the attainment and maintenance of the national standards under Section 110 of the Clean Air Act. Further, the Administrator finds that the plan satisfies all requirements of Part D of the Clean Air Act, as amended in 1977, except as noted below.

[45 FR 6571, Jan. 29, 1980]

§ 52.173 Extensions.

(a) The Administrator hereby extends to December 31, 1982, the attainment date for ozone in Pulaski county.

[45 FR 6571, Jan. 29, 1980]

§ 52.174 [Reserved]

§ 52.175 Resources.

(a) The requirements of § 51.20 of this chapter are not met since the plan shows a lack of manpower resources and the associated funds necessary to carry out the plan during the 5-year period following its submission.

[37 FR 10851, May 31, 1972]

§ 52.176 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Arkansas' plan, except where noted.

Air quality control region	Pollutant							
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone	Lead
	Primary	Secondary	Primary	Secondary				
Central Arkansas Intrastate:								
a. Pulaski County	*a*	*a*	c	c	c	c	d	(d)
b. Remainder of AQCR	*a*	*a*	c	c	c	c	c	(b)
Metropolitan Fort Smith Interstate	b	*a*	c	c	c	c	c	(b)
Metropolitan Memphis Interstate	*a*	*a*	c	c	c	c	*a*	(b)
Monroe (Louisiana)-El Dorado (Arkansas) Interstate	b	*a*	c	c	c	c	c	(b)
Northeast Arkansas Intrastate	c	c	c	c	c	c	c	(b)
Northwest Arkansas Intrastate	c	c	c	c	c	c	c	(b)
Shreveport-Texarkana-Tyler Interstate	b	*a*	c	c	c	c	c	(b)

a. July 1975.
b. Air quality levels presently below primary standards.
c. Air quality levels presently below secondary standards.
d. December 31, 1982.

NOTE 1: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

NOTE 2: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) of the Act prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadline. The earlier attainment dates are set out at 40 CFR 52.176 (1978).

(Sec. 110(a) of the Clean Air Act, (42 U.S.C. 7410(a)))

[45 FR 6571, Jan. 29, 1980, as amended at 47 FR 16330, Apr. 16, 1982]

§ 52.177 [Reserved]

§ 52.178 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the legal authority to provide for public availability of emission data is inadequate.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[39 FR 34536, Sept. 26, 1974, as amended at 40 FR 55328, Nov. 28, 1975]

§ 52.179 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met since section 82-1937 of the Arkansas Water and Air Pollution Control Act could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, section 82-1937 is disapproved.

[39 FR 34536, Sept. 26, 1974]

§ 52.180 [Reserved]

§ 52.181 Significant deterioration of air quality.

(a) The Arkansas plan, as submitted, is approved as meeting the Requirements of Part C, Title I, of the Clean Air Act.

(b) Regulations for prevention of significant deterioration of air quality. The provisions of § 52.21 (b) through (r) are hereby incorporated by reference and made a part of the State Implementation Plan for the State of Arkansas.

(Secs. 110 and 161 *et seq.* of the Clean Air Act, as amended (42 U.S.C. 7410 and 7471 *et seq.*))

[47 FR 2112, Jan. 14, 1982]

§ 52.182 Maintenance of national standards.

(a) The requirements of § 51.12(e) of this chapter are not met because the State neither identified areas of the State which have the potential for violation of air quality standards within ten years nor provided an adequate justification that there are no such areas in the State.

(b) The area listed below is hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violation of the specified national ambient air quality standard within 10 years. The identified area consists of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in Section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Little Rock Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Pulaski County
Saline County

[40 FR 41948, Sept. 9, 1975. Correctly designated at 41 FR 22816, June 7, 1976]

Subpart F—California

§ 52.220 Identification of plan.

(a) Title of plan: "The State of California Implementation Plan for Achieving and Maintaining the National Ambient Air Quality Standards".

(b) The plan was officially submitted on February 21, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Air quality data submitted on April 10, 1972, by the Air Resources Board.

(2) Report on status of regulations submitted on April 19, 1972, by the Air Resources Board.

(3) Emission inventory submitted on April 21, 1972, by the Air Resources Board.

(4) Air quality data submitted on April 26, 1972, by the Air Resources Board.

(5) Air quality data submitted on May 5, 1972, by the Air Resources Board.

(6) Revised regulations for all APCD's submitted on June 30, 1972, by the Governor.

(7) Information (Non-regulatory) regarding air quality surveillance submitted on July 19, 1972, by the Air Resources Board.

(8) Compliance schedules submitted on December 27, 1973, by the Air Resources Board.

(9) Compliance schedules submitted on February 19, 1974, by the Air Resources Board.

(10) Compliance schedules submitted on April 22, 1974, by the Air Resources Board.

(11) Compliance schedules submitted on June 7, 1974, by the Air Resources Board.

(12) Compliance schedules submitted on June 19, 1974, by the Air Resources Board.

(13) Compliance schedules submitted on September 4, 1974, by the Air Resources Board.

(14) Compliance schedules submitted on September 19, 1974, by the Air Resources Board.

(15) Compliance schedules submitted on October 18, 1974, by the Air Resources Board.

(16) Compliance schedules submitted on December 4, 1974, by the Air Resources Board.

(17) Compliance schedules submitted on January 13, 1975, by the Air Resources Board.

(18) Air quality maintenance area designations submitted on July 12, 1974, by the Governor.

(19)—(20) [Reserved]

(21) Revised regulations for the following APCD's submitted on July 25, 1973, by the Governor.

(i) Lassen County APCD.

(A) Appendix A (Implementation Plan for Agricultural Burning) and Appendix B (Enforcement).

(ii) Modoc County APCD.

(A) Rule 3:10A and Regulation V (Rules 5:1 to 5:7).

(iii) Siskiyou County APCD.

(A) Rules 2.13, 4.5, 4.12, 4.13, 4.14, and Implementation Plan for Agricultural Burning.

(iv) Bay Area APCD.

(A) Regulation 1.

(*1*) Division 1, Sections 1000-1010.

(*2*) Division 2, Section 2000.

(*3*) Division 3, Sections 3000-3004, 3100-3111, 3115-3118, 3120, and 3200-3500.

(*4*) Division 4.

(B) Regulation 4.

(*1*) Sections 1-2.

(C) Regulation 2.

(*1*) Division 1, Sections 1214 to 1214.3.

(D) Regulation 3.

(*1*) Division 1, Sections 1205 to 1205.3.

(v) Butte County APCD.

(A) Sections 1-1 to 1-35, 2-8, 2-10 to 2-11, 2A-1 to 2A-18, 3-2 to 3-2.1, 3-6, 3-9, 3-10.1, 3-11.1, 3.14, and 3.16.

(vi) San Diego County APCD.

(A) Rules 41, 55, 58, and 101-113.

(vii) Tehama County APCD.

(A) Rules 1:2, 3:1-3, 3:3a, 3:3b, 3:4-3:5, 3:5a, 3:6-3:14, 4:6, and Implementation Plan for Agricultural Burning.

(viii) Yuba County APCD.

(A) Rules 1.1, 2.1-2.2, 2.10, 4.11, and Agricultural Burning Regulations, Sections 1 to 6.

(B) Rule 4.5.

(ix) Kings County APCD.

(A) Rules 102, 105-108, 110, 404-406, 409, 417-I, II, IV, and 510.

(B) Rule 111.

(x) Colusa County APCD.

(A) Rule 6.5 and Amendment Number 3.

(B) Rule 4.4g.

(xi) Imperial County APCD.

(A) Agricultural Burning Implementation Plan (Rules 200-206).

(xii) Sacramento County APCD

(A) Rules 72, 90, 91, and 92.

(xiii) Ventura County APCD.

(A) Rules 2, 37, 56, 59, 60, and 101.

(xiv) Yolo-Solano APCD.

(A) New or amended Rules 1.2 (a, b, d to g, i to x, and z to ae), 1.4, 2.4(e), 2.8, 2.9, 4.1 to 4.5, 5.1 to 5.18, 6.1 (i) and (j), 6.2 to 6.5, and 6.7 to 6.8.

(xv) San Bernardino County APCD.

(A) New or amended Rules 5(a), 53A, 57, 57.1, 57.2.

(xvi) Santa Barbara County APCD.

(A) Rules 2(a, b, k, l, m, n, o, p, q, r, s, t, u, v, w), 40 [with the exception of 40(4)(m)].

(xvii) Calaveras County APCD.

(A) Rules 110 and 402(f).

(xviii) Los Angeles County APCD (Metropolitan Los Angeles portion).

(A) Amended rule 45.

(22) Revised regulations for the following APCD's submitted on November 2, 1973 by the Governor's designee.

(i) Bay Area APCD.

(A) Regulation 2.

(*1*) Division 1, Section 1222.

(*2*) Division 3, Section 3211.

(*3*) Division 4, Section 4113.

(*4*) Division 8, Sections 8414-8416.

(*5*) Division 9, Sections 9613, 9615, 9711.3, and 9711.5.

(*6*) Division 11, Section 11101.

(23) Revised regulations for the following APCD's submitted on January 22, 1974 by the Governor's designee.

(i) Sacramento County APCD.

(A) Rule 30.

(ii) Santa Barbara County APCD.

(A) Rules 22, 24.1, 24.2.

(24) Revised regulations for the following APVD's submitted on July 19, 1974, by the Governor's designee.

(i) Sutter County APCD.

(A) Rule 1.3

(ii) Bay Area APCD.

(A) Regulation 1: (*1*) Sections 3112-3114, 3119 and 3122.

(iii) San Diego County APCD.

(A) Regulation IX.

(B) Rule 61.

(iv) Stanislaus County APCD.

(A) Rules 103, 108, 108.1, 113, 401, 402, 403, 404, 405, 409.1, 409.2, 418, 421, 505, 518, and 401.1.

(B) Rule 110.

(v) Tehama County APCD.

(A) Rules 3:14 and 4:18.

(B) Rule 4:17.

(vi) Shasta County APCD.

(A) Rules 1:1 to 1:2, 2:6(1.)(a), 2:6(1.)(b) (i-ii and iv-vii) 2:6(1.)(c)(i-vi), 2:6(1.)(d-e), 2:6(2-4), 2:7, 2:8(a-c), 2:9, 2:11, 2:14, 2:25, 3:1 to 3:9, 3:11 to 3:12, and 4:1 to 4:23.

(B) Rule 3:10.

(vii) Kern County APCD.

(A) Rules 102, 103, 108, 108.1, 110, 113, 114, 301, 305, 401, 404, 405, 407.3, 409, 411, 413, 414, 417-I and II, 504, 516, and 518

(B) Rule 111.

(C) Rules 601-615, except those portions pertaining to sulfur dioxide and the 12-hour carbon monoxide criteria levels.

(viii) Sacramento County APCD.

(A) Rules 11, 39, 44, 70, 73, and 111.

(B) Rules 123 and 124, except those portions that pertain to the 12-hour CO criteria level.

(ix) Yolo-Solano APCD.

(A) Rule 2.22.

(B) New or amended rules 1.2(c, h, and y), 1.3, 2.11 to 2.16, 2.19, 4.3, 5.4, 5.6, and 5.12.

(x) Ventura County APCD.

(A) Rules 2, 3, 31, 32, 200, 203, and 204.

(B) Rule 32.

(C) Rules 70, 73.

(D) Rule 96.

(E) Rule 111.

(xi) Santa Barbara County Air Pollution Control District.

(A) Rules 150 to 152, 154 to 159, 160A, and 161 to 164, except those portions pertaining to nitrogen oxides, sulfur dioxide and the 12-hour carbon monoxide criteria levels.

(25) Revised regulations for the following APCD's submitted on October 23, 1974 by the Governor's designee.

(i) Fresno County APCD.

(A) Rules 102, 103, 108, 108.1, 111-114, 401, 404-406, 408, 409.1, 409.2, 416, 416.1a, b, c(2), c(3), d, e(2), and f, 505 and 518.

(B) Rule 110.

(C) New or amended Rules 402 (a to g), 416.1(c)(1), 416.1(e)(1), 416.1(e)(3), and 416.1(e)(4).

(D) Rules 601-615, except those portions pertaining to sulfur dioxide and the 12-hour carbon monoxide criteria levels.

(ii) San Joaquin County APCD.

(A) Rules 102, 103, 108, 108.1, 108.2, 113, 305, 404-406, 407.2, 407.3, 408, 408.1, 409.1, 409.2, 410, 413, 414, 416, 416.1A to C, and D.3 to E., 417, 420, 420.1, 421, 504, 505, and 510-520.

(B) Rule 110.

(C) New or amended rules 416.1 (D)(1) and (D)(2).

(iii) Lake County APCD.

(A) Parts II—V, Sections 3-7 of Part VI, Parts XI-XIII, Appendix A (Agricultural Burning Definitions A-M, Burning Regulations/Agricultural Burning (Farm) 1-9, /Farm 1-3, / Range 1-2), Appendix B (Parts I-II, Part IV-1, 2, 5, and 6, Part V-1, 4, 5 and 6, Parts VI-VII, Part VIII-1-7 and 9, Parts IX-X), Tables I-IV.

(iv) Tulare County APCD.

(A) Rules 102, 103, 108.1, 110, 112-114, 302, 401, 404-406, 407.3, 408, 410, 410.1, 410.2, 411, 420, 503-505, and 515.

(v) Ventura County APCD.

(A) Rules 2 and 125.

(vi) Santa Barbara County Air Pollution Control District.

(A) Rule 160B, except those portions pertaining to nitrogen oxides, sulfur dioxide and the 12-hour carbon monoxide criteria levels.

(vii) Monterey Bay Unified APCD.

(A) Rules 100 to 106, 300 to 303, 400 to 401, 403, 404(a)(b)(d), 405 to 408, 412 to 417, 419 to 420, 500 to 508, 600 to 616, and 800 to 816.

(26) Revised regulations for the following APCD's submitted on January 10, 1975, by the Governor's designee.

(i) Sutter County APCD

(A) Rule 4.1

(ii) Bay Area APCD

(A) Regulation 2: (*1*) Sections 2018.1-2.

(B) Regulation 7.

(C) Regulation 8.

(iii) Butte County APCD.

(A) Sections 3-11, 3-12, and 3-12.1.

(iv) Glenn County APCD.

(A) Sections 2, 3.1, 10-14.3, 16, 17, 21, 21.1, 24, 57, 58, 81, 85, 86, 95.1, 118, 122.1-122.3, 154 and 155.

(B) Rules 95.2 and 95.3.

(v) Yuba County APCD.

(A) Agricultural Burning Regulations, sections 1 and 3.

(vi) Colusa County APCD.

(A) Rules 6.2 and 6.4.d. (1-2).

(vii) Fresno County APCD.

(A) Rules 409, 417, 503, 507, 513, and 515.

(viii) Mariposa County APCD.

(A) Rules 101, 102, 201, 202, 203 (a-f, h, i, and k), 204-216, 301-303, 305-306, 308-313, 315-323, 401-403, 405-409, and 600-618.

(B) Rule 203(j).

(ix) Sierra County APCD.

(A) Rules 101, 102, 201-216, 301-323, 405-409, 601-620, 6, 27, 29, and 51-56.

(x) Shasta County APCD.

(A) Rules 2:6(5)(b), 3:1, 3:2, 4:6, and 4:14.

(xi) Tulare County APCD.

(A) Rules 417 and 417.1a. thru d., e.2., and f.

(B) New or amended rules 417.1 (e)(1), (e)(3) and (e)(4).

(xii) Kern County APCD.

(A) Rules 410 and 503.

(xiii) Madera County APCD.

(A) Rules 102, 103, 105, 108, 112-114, 301, 305, 401, 402, (a-e, and g), 404-406, 407.2, 407.3, 408, 409, 409.1 409.2, 412, 416, 416.1a, b, c(2), c(3), d, e(2), f, 504, 505, and 518.

(B) Rule 402(f).

(C) Rule 110.

(D) New or amended rules 416.1 (c)(1), (e)(1), (e)(3), and (e)(4).

(xiv) Yolo-Solano APCD.

(A) New or amended Rule 6.1 (a), (b), (c), (d), (e), and (g) (1, 2, and 3).

(xv) Monterey Bay Unified APCD.

(A) Rules 49 to 411 and 421.

(xvi) Plumas County APCD.

(A) Rule 203(j).

(B) New or amended Rules 101, 102, 201, 202, 204, 206, 209, 210(a), 214, 216, 216-49, 216-50, 216-51, 216-54, 216-55, 216-56, 216-1, 216-2, 216-3, 305, 306, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 401, 403, 405, 406, 408, 701, 702, 704, 705, 706, 707, 708, 709, 711, 712, 713, 714, 715, 716, 717.

(C) Previously approved and now deleted (without replacement) Rules 51.7, 57.5, 62, 70.

(xvii) Placer County APCD.

(A) New or amended Rules 102, 105, 201, 202, 204, 209, 312, 403, 405, 406, 701, 705, 707, 711, 712, 713, 714, 716, 717.

(27) Revised regulations for the following APCD's submitted on April 10, 1975, by the Governor's designee.

(i) Stanislaus County APCD.

(A) Rule 409.

(ii) Tehama County APCD.

(A) Rule 4:6.

(iii) Sacramento County APCD.

(A) Rules 12, 22a, 22b, 25, 32-34, and 40.

(iv) Bay Area APCD.

(A) Regulation 2, section 1302.2 and section 1302.22.

(B) Rules 32, 33, 34, 38, 40.

(v) San Bernardino County APCD.

(A) New or amended Rule 73.

(vi) Riverside County APCD.

(A) New or amended Rule 57.

(vii) Nevada County APCD.

(A) New or amended Rules 101, 102, 105, 106, 107, 201, 202, 203 [with exception of (g)], 204, 206, 208, 209, 210(a), 212, 214, 215, 301, 302, 303, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 322, 401, 403, 405, 406, 408, 601, 602, 701, 702, 703, 705, 706, 707, 708, 709, 711, 712, 713, 714, 715, 716, 717.

(viii) El Dorado County APCD.

(A) New or amended Rules 101, 102, 202, 204, 206, 209, 210(a), 212, 214, 301, 305, 306, 309, 310, 311, 312, 313, 315, 316, 317, 318, 323, 401, 403, 405, 406, 408, 601, 602, 701, 702, 704, 705, 706, 707, 708, 709, 711, 712, 713, 714, 715, 716, 717.

(B) Previously approved and now deleted (without replacement) Rules 5, 6, 7.

(ix) [Reserved]

(x) Santa Barbara County APCD.

(A) Rules 32, 36, 36.3, 36.4, 36.5, 37, 38.

(28) Revised regulations for the following APCD's submitted on July 22, 1975, by the Governor's designee.

(i) Sutter County APCD

(A) Rules 1.2, 2.82, and 4.11.

(ii) San Diego County APCD.

(A) Rule 66.

(iii) Yuba County APCD

(A) Rule 1.1.

(iv) Calaveras County APCD.

(A) Rules 102, 201-215, 301-323, 401-403, 405-408, 409 (Public Records), 601-604, 700-717, 105, 106, 110, 407(b), 409 (Organic Solvents), 409.1 (Architectural Coatings), 409.2 (Disposal and Evaporation of Solvents), 412, and 413.

(v) Tuolumne County APCD.

(A) Rules 102, 201, 202, 203, (a-f, h, i, and k), 204-216, 301-303, 305-306, 308-313, 315-323, 400-403, 405-408, 409 (Public Records), 600-618, 105-110, 301-304, 409 (Fuel Burning Equipment, Oxides of Nitrogen), 410, and 412-414.

(vi) Kings County APCD.

(A) Rule 410.

(vii) Shasta County APCD.

(A) Rule 2.8(e).

(viii) Kern County APCD.

(A) Rules 115, 407.1, 422, and 423.

(ix) Sacramento County APCD.

(A) Rule 93.

(x) Riverside County APCD.

(A) New or amended rule 53.

(xi) Orange County APCD (Metropolitan Los Angeles portion).

(A) Amended rule 53.

(29) Revised regulations for the following APCD's submitted on November 3, 1975 by the Governor's designee.

(i) Lake County APCD.

(A) Part III, Number 59a.

(ii) Sacramento County APCD.

(A) Rules 13 and 14.

(B) Rules 71, 112, and 113.

(iii) Monterey Bay Unified APCD.

(A) Rule 418.

(iv) Bay Area APCD.

(A) Regulation 2, section 1302.21 and section 1302.23.

(v) San Diego County.

(A) Rule 63.

(B) Rules 112, 113.

(vi) Ventura County APCD.

(A) Rules 65, 66, 72, and 73.

(30) Revised regulations for the following APCD's submitted on February 10, 1976 by the Governor's designee.

(i) Bay Area APCD

(A) Regulation 1: (*1*) Section 3121.

(B) Regulation 6.

(ii) Butte County APCD

(A) Section 3-11.2

(iii) Yuba County APCD.

(A) Agricultural Burning Regulations, sections 1 and 3.

(iv) Colusa County APCD.

(A) Rule 6.6A.I and 6.6A.II-1. (a-f).

(v) Fresno County APCD.

(A) Rules 115, 422, 423, and 407.

(vi) San Joaquin County APCD.

(A) Rules 114, 401, 402, 407.1, 409, 411, 422 and 423.

(B) [Reserved]

(C) Rule 411.1 and 411.2.

(vii) Lake County APCD.

(A) Table V.

(viii) Sacramento County APCD.

(A) Rules 94-97.

(ix) Ventura County APCD.

(A) Rules 70 and 71.

(x) Southern California APCD.

(A) New or amended Rules 501, 502, 506, 507, 508, 509, 511, 512, 513, 514, 515, 516, 517, 518, 801, 803, 804, 807, 808, 809, 810, 811, 813, 814, 815, 817.

(xi) Santa Barbara County APCD.

(A) Rule 32.1.

(31) Revised regulations for the following APCD's submitted on April 21, 1976, by the Governor's designee.

(i) Great Basin Unified APCD.

(A) [Reserved]

(B) Rules 100 to 107, 215, 300 to 303, 400 to 402, 404 to 413, 416 to 421, 500 to 501, 600 to 616, and 800 to 817.

(C) Alpine County APCD: Rules 1.4, 3.1, 4.2-1, 4.7, 4.7-1, 4.8, 4.10, 4.11, and 5.18.

(D) Inyo County APCD: Rules 1.3, 3.1, 4.1, 4.10, 4.11, 4.12, and 5.1.

(E) Mono County APCD: Rules 1.4, 3.1, 4.2-1, 4.7, 4.7-1, 4.8, 4.10, 4.11, 5.1, and 5.18.

(ii) Sutter County APCD

(A) Rule 4.1

(iii) San Diego County APCD.

(A) Rule 5.

(iv) Glenn County APCD

(A) Sections 14.3 and 15.

(v) Kings County APCD.

(A) Rule 411.

(B) Rules 412 and 412.1.

(vi) Southern California APCD.

(A) Rules 461 and 462.

(B) New or amended rules 103, 104, 105, 106.

(C) Rules 201-207, 209-212, 214-217, and 219.

(vii) Santa Barbara County APCD.

(A) Rule 35.1 and 35.2.

(B) Rule 2(x).

(C) Rule 63, except those portions pertaining to sulfur dioxide and the 12-hour carbon monoxide criteria levels.

(viii) Fresno County APCD.

(A) Rule 411 and 411.1.

(ix) Kern County APCD.

(A) Rule 412 and 412.1.

(x) Stanislaus County APCD.

(A) Rule 411 and 411.1.

(xi) Tulare County APCD.

(A) Rule 412 and 412.1.

(xii) Madera County APCD.

(A) Rule 411.1 and 411.2.

(xiii) Ventura County APCD.

(A) Rules 2, 4, 36, 40, 41, 42, 43, 104, 201, and 202.

(xiv) Yolo-Solano APCD.

(A) New or amended Rules 6.1(f) (1 and 2), (g)(4), (h) (1 and 2) and 6.6.

(xv) Nevada County APCD.

(A) Amended Rule 211.

(xvi) Bay Area APCD.

(A) Regulation 2, section 3212.

(B) Regulation 3, section 3203.

(xvii) [Reserved]

(xviii) Amador County APCD.

(A) Rule 404.

(B) New or amended Rules 101, 102, 104, 105, 106, 107, 201, 202, 204, 206, 207.1, 209, 210(A), 211, 212, 213.2, 213.3, 214, 305, 307, 308, 312, 401, 402, 403, 405, 406, 408, 409, 601, 602, 603, 702, 704, 705, 706, 707, 708, 709, 711, 712, 713, 714, 715, 716, 717.

(C) Previously approved and now deleted (without replacement) Rules 18.1 (Regulation V), 22 (Regulation V).

(32) Revised regulations for the following APCD's submitted on August 2, 1976 by the Governor's designee.

(i) Bay Area APCD.

(A) Regulation 2: (*1*) Sections 2022.1-2, 2035.1, 3211.1, and Divisions 16-18.

(ii) Stanislaus County APCD.

(A) Rules 102, 104, 105, 111, 112, 114, 301, 305, 407.1, 416, 416.1, 422, 423, 501, 504, and 511.

(iii) Merced County APCD.

(A) Rules 411 and 411.1.

(B) Rule 109.

(C) New or amended rules 102, 103, 103.1, 104, 105, 108.1, 110 to 115, 302, 401, 404, 405, 407.1, 408.1, 408.2, 409, 409.1, 409.2, 410, 412, 416, 416.1[(I), (II) (A-L), (II) (N-O), (III), (IV), (V), and (VI)], 421(a), 501, 504, 505, 511, and 518.

(D) Previously approved and now deleted (without replacement) Rules 102(hh) and 102(ii).

(iv) Southern California APCD.

(A) New or amended Rules 403, 404, 405, 407, 408, 409, 432, 441, 443, 464, 465, 467, 470, 471, 472, 473, 504, 505, 510, 802, 805, 806, 812, 816.

(B) Previously approved and deleted (without replacement).

(*1*) Los Angeles County APCD Rules 53.1, 55.

(*2*) San Bernardino County APCD Rules 50, 51.

(*3*) Riverside County APCD Rule 55.

(*4*) Orange County APCD Rule 55.

(C) Rules 202 and 219.

(v) Plumas County APCD.

(A) Amended Rule 324.

(vi) El Dorado County APCD.

(A) Amended rule 211.

(33)—(34) [Reserved]

(35) Revised regulations for the following APCDs submitted on November 10, 1976 by the Governor's designee.

(i) Sacramento County APCD.

(A) Rules 1, 2, 11, 12, 21, 22a, 22b, 24, 25, 27, 28, 29, 33, 39, 44, 70, 71, 90, 92, 93, 94, 95, 96, 97, 98, and definitions list addition to Regulation VII.

(B) Rule 14.

(ii) Southern California APCD.

(A) Rule 461.

(iii) Ventura County APCD.

(A) Rule 70.

(B) Rules 2, 57, 72, and 73 and Regulation VII (Rules 110-129).

(iv) Santa Barbara County APCD.

(A) Rule 35.2.

(v) San Joaquin County APCD.

(A) Rules 102, 103, 103.1, 104, 105, 111, 112, 301, 305, 402, 416.1, 501, 504, 511.

(vi) Tulare County APCD.

(A) Rules 102, 103, 103.1, 104, 105, 110, 112, 115, 305 (402 paragraphs a. through e. and g.), 405, 407.1, 407.3, 409, 417.1, and 421.

(B) Rules 111 and 402(f).

(vii) Fresno County APCD.

(A) Rules 407 and 408.

(viii) Imperial County APCD.

(A) Rules 100, 114.5, 131.5, and 148.D(3).

(ix) Del Norte County APCD.

(A) Rule 540.

(B) [Reserved]

(C) New or amended Rules 100, 110, 120, 130, 150, 160 (except 160(a) and non-criteria pollutants), 190, 240(d) (except paragraph (3)), 300, 310, 320, 340, 400(b), 410(a), 410(c), 420, 430, 440, 470, 480, 482, 500, 510, 520, 600, 610, 620, 630, 640, and 650; and the following portions of Regulation 2: General prohibitions (all of page 1), Articles I and II, paragraphs A1, A2, A3, A4, 5, 7, and 8 of Article III, and Articles IV to VII.

(x) San Diego County APCD.

(A) Rules 2(k), 3, 50, 52, 53, 60, 62.

(xi) Monterey Bay Unified APCD.

(A) Rules 101, 104, 106, 214, 301, 404(c), 406, 407, 415, 601 to 603, 609, 801, 805, and 811.

(xii) San Luis Obispo County APCD.

(A) New or amended rules 101 *Title,* 102, 103, 105(A)(2) through 105(A)(46), 106, 108, 109, 110 *Enforcement,* 111, 401, 403, 405, 408, 409, 410, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817.

(B) Rule 107.

(C) Rules previously approved and now deleted (without replacement) 101(1)(b), 101(2), 101(3), and 101(4) *Effective Date,* 110 *Prohibitions,* 116(1), 116(3), 119(1) and 119(4).

(D) Amended rules 501 and 502 (sections A-F, H-I, K-N, O(1), P-Q).

(xiii) Kern County APCD.

(A) New or amended Rules 102, 102(d), 102(oo), 103, 103.1, 104 to 105, 110, 112, 301(f), 305(a), 402 (c) and (e), 417(I)(A), 417(II)(B)(L), 501, and 511.

(B) Rule 504.

(xiv) Humboldt County APCD.

(A) Rule 540.

(B) [Reserved]

(C) New or amended Rules 100, 110, 120, 130, 150, 160 (except 160(a) and non-criteria pollutants), 190, 240(d) (except paragraph (3)), 300, 310, 320, 340, 400(b), 410(a), 410(c), 420, 430, 440, 470, 480, 482, 500, 510, 520, 600, 610, 620, 630, 640, and 650; and the following portions of Regulation 2: General prohibitions (all of page 1), Articles I and II, paragraphs A1, A2, A3, A4, 5, 7, and 8 of Article III, Articles IV to VII, and Appendix A.

(D) Previously approved and now deleted (without replacement) Rules 5, 6, 80, 87, and 95.

(xv) Mendocino County APCD.

(A) Rule 540.

(B) [Reserved]

(C) New or amended rules 100, 110, 120, 130, 150, 160 (except 160(a) and noncriteria pollutants), 190, 300 (except paragraph (a)), 310, 340, 400(b), 410(b), 410(c), 430, 440, 460, 470, 480, 482, 500, 510, 520, 600, 610, 620, 630, 640, and 650; and the following portions of regulation 2: General prohibitions (all of page 1), Articles I and II, paragraphs A1, A2, A3, A4, 5, 7, and 8 of Article III, Articles IV and V, Article VI(a) to (i), Article VII, and Appendices B and C.

(D) Previously approved and now deleted (without replacement) Parts IV, V-5-B, VI-1, and VI-4.

(xvi) Northern Sonoma County APCD.

(A) Rule 540.

(B) New or amended Rules 100, 110, 120, 130, 150, 160, (except 160(a) and non-criteria pollutants), 190, 300, 310, 320, 340, 400(b), 410(a), 410(c), 420, 430, 440, 470, 480, 482, 500, 510, 520, 600, 610, 620, 630, 640, and 650; and the following portions of Regulation 2: General prohibitions (all of page 1), Articles I and II, paragraphs A1, A2, A3, A4, 5, 7, and 8 of Article III, Articles IV and V, paragraphs (a) to (i) of Article VI, and Article VII.

(xvii) Trinity County APCD.

(A) Rule 540.

(B) [Reserved]

(C) New or amended rules 100, 110, 120, 130, 150, 160 (except 160(a) and non-criteria pollutants), 190, 240(d) except paragraph (3)), 300, 310, 320, 340, 400(b), 410(a), 410(c), 420, 430, 440, 470, 480, 482, 500, 510, 520, 600, 610, 620, 630, 640, and 650; and the following portions of regulation 2: General prohibitions (all of page 1), articles I and II, paragraphs A1, A2, A3, A4, 5, 7 and 8 of article III, articles IV and V, paragraphs (a) to (i) of article VI, and article VII.

(36) Revised regulations for the following APCD were submitted on November 19, 1976, by the Governor's designee.

(i) Southern California APCD.

(A) Rules 213, 213.1, and 213.2.

(37) Revised regulations for the following APCD's submitted on February 10, 1977, by the Governor's designee.

(i) Southern California APCD.

(A) New or amended Rules 102, 468, 469, 474, 475, 476.

(B) Rule 430.

(C) Amended Rule 431.

(ii) San Diego County APCD.

(A) Rule 68.

(iii) San Luis Obispo County APCD.

(A) Rule 112, and rules 404(A) through 404(B)(1)(a), 404(B)(1)(c), 404(B)(2), 404(B)(3), 404(B)(4), 404(c), 404(D), and 404(E).

(iv) Lake County APCD.

(A) Rules 500, 510, and 511.

(B) New or amended sections 100, 200 to 205.1, 207 to 234, 236, 238 to 260, 300, 301, 400, 401, 402 (A to E, and G), 410, 411, 412 (A and C), 430 to 439, 520, 530 to 533, 800, 900 to 902, 1000 to 1003, 1100, 1200, 1300, 1400, 1500, 1600, 1601, 1610, 1611, 1612, 1620, 1700, 1701, 1710 to 1714, 1720 to 1725, 1730, 1731 to 1736, and tables I, II, III, IV, and V.

(C) Previously approved and now deleted (without replacement) part II; sections 9, 15, 18, 28, 42, 43, 49a, 49b, 50, 52, and 54 of part III; sections 1 to 4 of part IV; section (1)(B) of part V; and parts IV and VI of appendix B.

(v) Tuolumne County APCD.

(A) Rule 404.

(B) New or amended rules 102, 202, 203, 206, 207, 208, 209, 213, 215, 216, 217, 301, 302, 303, 304, 308, 319, 321, 322, 323, 324, 402, 407, 409, 601, 602, 603, 604, 605, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, and 717 and rescinded rules 413 and 414.

(38) Revisions to air pollution emergency episode plans submitted on June 1, 1977 by the Governor's designee.

(i) South Coast Air Quality Management District's Regulation VII Emergencies as revised on May 6, 1977. No action has been taken on those portions of Rules 702, 703, 704, 706, 708, 708.2, 710, 711, 712 and 714 that pertain to sulfate, oxidant in combination with sulfate, or oxidant in combination with sulfur dioxide. No action has been taken on Rules 708.2(b)(3)(B), 708.2(b)(4)(B), 708.2(b)(4)(C) and 708.2(b)(5)(C).

(39) Revised regulations for the following APCDs submitted on June 6, 1977, by the Governor's designee.

(i) Great Basin Unified APCD.

(A) Rule 403.

(ii) San Bernardino County APCD (Southeast Desert portion).

(A) Rule 430.

(B) Rules 201-207, 209-212, 213, 213.1, 213.2, 214-217, and 219.

(C) New or amended rules 104, 106, 208, 218, 401, 403, 53-A(a), 407 to 409, 431, 432, 441 to 443, 464 to 470, 472, 473, 475, 476, 503 to 508, 510 to 518, 801 to 817.

(D) Deleted without replacement Regulation VI—Orchard or Citrus Grove Heaters.

(E) Rules 703, 704 (except those portions that pertain to the criteria levels for carbon monoxide and sulfur dioxide), 705, 706, 707, 708, 709, 710, 711, 713, and 714.

(iii) Los Angeles County APCD (Southeast Desert portion).

(A) Rule 430.

(B) Rules 201-207, 209-212, 213, 213.1, 213.2, 214-217, and 219.

(C) New or amended rules 101, 102, 2, 103 to 106, 208, 218, 301, 42, 401, 403 to 405, 407 to 409, 431, 432, 441 to 444, 461, 463 to 476, 502 to 518, 801 to 817.

(D) Deleted without replacement rule 53.1, and Regulation VI—Orchard or Citrus Grove Heaters.

(E) Rules 701, 702, 703, 704 (except those portions that pertain to the criteria levels for carbon monoxide and sulfur dioxide), 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, and 715.

(iv) Riverside County APCD (Southeast Desert portion).

(A) Rule 430.

(B) Rules 201-207, 209-212, 213, 213.1, 213.2, 214-217 and 219.

(C) New or amended rules 103, 104, 208, 218, 301, 42, 401, 403 to 405, 53, 56, 407 to 409, 431, 432, 441 to 444, 463 to 476, 73, 503 to 518, 801 to 817.

(D) Deleted without replacement Regulation V—Orchard, Field or Citrus Grove Heaters.

(E) Rules 702, 703, 704 (except those portions that pertain to the criteria levels for carbon monoxide and sulfur dioxide), 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, and 715.

(v) Yolo-Solano APCD.

(A) Amended Rule 2.21.

(vi) South Coast Air Quality Management District.

(A) Amended rule 461.

(B) Amended rule 431.

(vii) Mariposa County APCD.

(A) New or amended rules 102(B), 102(E), 102(S), 102(II), 102(SS), 203 (with the exception of (D)), 206(B), 207, 208, 211, 215, 216, 301, 302, 303, 304, 308, 319, 320, 321, 322, 324, 402, 404, 407, 507, 514, 600, 603, and 610.

(B) Previously approved and now deleted (without replacement) rule 203(k).

(viii) Sierra County APCD.

(A) New or amended rules 102(B), 102(E), 102(S), 102(II), 102(SS), 203 (with the exception of (D) and (G)), 206(B), 207, 208, 211, 215, 216, 301, 302, 303, 308, 319, 320, 321, 322, 324, 402, 404, 407, 409, 507, 514, 516, 600 to 617.

(B) Previously approved and now deleted (without replacement) rules 203(j) and 620.

(ix) Plumas County APCD.

(A) New or amended rules 102(B), 102(E), 102(S), 102(II), 102(SS), 203 (with the exception of (D) and (G)), 206(B), 207, 208, 211, 215, 216, 301, 302, 303, 304, 307, 308, 319, 320, 321, 322, 324, 402, 404, 407, 409, 507, 514, 602 to 605, 700, 703, and 710.

(x) Nevada County APCD.

(A) New or amended rules 102(B), 102(E), 102(S), 102(II), 102(SS), 103, 104, 203(e and i), 206(B), 207, 216, 304, 319, 320, 321, 402, 407, 409, 507, 514, 700, 703(E and I), 704, 710 and 711(A).

(40) [Reserved]

(41) Revised regulations for the following APCD's submitted on October 13, 1977, by the Governor's designee.

(i) Kings County APCD.

(A) New or amended rules 412 and 412.2.

(ii) San Diego County APCD.

(A) New or amended rules 2(b), 2(t), 2(u), 2(v), 2(w), 3, 19.2, 40, 42, 50, 52, 53, 54, 61.5, 64, 65, 66, 68, 71, 76, 77, 85, 95, 96, 101(f), 102(d), 102(e), 103(d), 103(g), 104, 109, and 177.

(B) Previously approved and now deleted (without replacement) rule 113.

(C) Regulation VIII, Rules 126-138 and Appendix A, except as these rules apply to the 12-hour carbon monoxide episode criteria specified in Rule 127.

(iii) Bay Area APCD.

(A) New or amended rules: Regulation 1, section 3121 and Regulation 2, sections 3210.5 to 3210.11.

(iv) Ventura County APCD.

(A) New rule 105.

(v) Kern County APCD.

(A) Rule 108.

(vi) San Luis Obispo County APCD.

(A) New rule 113.

(vii) Monterey Bay Unified APCD.

(A) New rules 215, 422.

(viii) Amador County APCD.

(A) New or amended rules 102(C), 102(F), 102(AW), 103, 205(A)(1), 207, 212, 216, 302(A), 304, 305(C), 313(A), 507, 602.1, 604, 605, 701, 703(E) and 710.

(ix) Calaveras County APCD.

(A) New or amended rules 102, 203 (with the exception of (D) and (G)), 206(B), 207, 208, 209, 211, 215, 216, 217, 301, 302, 303, 304, 319, 320, 321, 322, 323, 324, 402, 404, 407, 507, 602 to 604, 700, 702, 703, 710, and 715.

(B) Previously approved and now deleted (without replacement) rule 203(J).

(x) Placer County APCD.

(A) New or amended rules 101, 102, 103, 104, 203 (with the exception of (G)), 206, 207, 208, 210, 211, 213, 214, 301 to 311, 313 to 322, 401, 402, 404, 407, 408, 409, 507, 603 to 605, 702 to 704, 706, 708, 709, 710, 715, 801 to 804.

(xi) Tulare County APCD.

(A) New or amended rules 108 and 412.1

(xii) Shasta County APCD.

(A) New or amended rules 1:2 (with the exception of the definition of "person"); 2:6(1)(a), (1)(b), (i-ii), (1)(b)(iii), (a, b, and d), (1)(b), (iv-vii), (1)(c), (i-vi and viii), (1) (d and e), (2) (a-d and f), (3) (a-c and e-g), (4) (a-c and e-i), (5) (b-d); 2:7, 2:8; 3:2 (except part VI and VII of table II, and explanatory notes 6 and 7); 3:4, 4:1, 4:5, 4:6, 4:14, and 4:19.

(xiii) Madera County APCD.

(A) Amended rule 412.1.

(xiv) South Coast Air Quality Management District.

(A) New or amended Rules 101 and 102 (except for the definition of "agricultural burning").

(xv) Northern Sonoma County APCD.

(A) New or amended Rules 420(e) and (f), and 455(a) and (d).

(42) Revised regulations for the following APCD's submitted on November 4, 1977 by the Governor's designee.

(i) Imperial County APCD.

(A) New or amended rules 100 to 110, 113 to 115, 301 to 303, 305, 401, 403 to 406, 408, 409, 411 to 416, 419 to 422, 501 to 516, and 701 to 706.

(B) Previously approved and now deleted (without replacement), rules 106B, 113, 126, 131 and 147.

(C) Rules 601, 602 (except those portions that pertain to the criteria levels for carbon monoxide and sulfur dioxide), 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, and 614.

(D) New rule 417 (A-H, and J).

(ii) Sacramento County APCD.

(A) Rules 3, 7(a) to 7(b)(2), 7b(4) to 7(d), 9, 11, 12, 13, 14, 15, 21, 22a, 23, 24, 25, 26, 94, 95, 96, 97, and 98.

(B) Rules 120, 121, 122, 125, and 126, except those portions that pertain to the 12-hour CO criteria level.

(iii) Kings County APCD.

(A) New or amended rules 102, 103, 103.1, 104, 105, 108, 108.1, 110, 111, 112, 113, 401, 402(a) to 402(d), 402(f), 402(g), 404, 404.1, 405, 405.1, 405.2, 405.3, 406, 407.1, 409, 410, 416.1, 417, 417.1, 418, 421, and 501.

(B) Previously approved and now deleted, rule 405.1.

(iv) Stanislaus County APCD.

(A) New or amended rules 103.1, 108, 411.1.

(v) Merced County APCD.

(A) Amended rules 411(b) and 411.1.

(vi) Kern County APCD.

(A) Rule 412.1.

(vii) San Luis Obispo County APCD.

(A) New or amended rules 105(A)(1), 407, 501(A)(7), 502(A)(3).

(viii) Glenn County APCD.

(A) New or amended rules 82, 152, and 154.

(ix) Great Basin Unified APCD.

(A) New or amended rules 300, 423, and 617.

(B) Previously approved and now deleted (without replacement) rules 411 and 418.

(x) El Dorado County APCD.

(A) New or amended Rules 102, 201, 203 [with the exception of (G)], 206(B), 207, 208, 215, 216, 217, 217-49 to 217-50, 217-51(A to D), 217-53 to 217-56, 217-1 to 217-3, 302, 303, 304, 307, 308, 319, 320, 321, 322, 324, 402, 407, 409, 507, 700, 703 and 710.

(xi) Fresno County APCD.

(A) New or amended Rules 411.1 and 416.1(g).

(xii) San Joaquin County APCD.

(A) New or amended rules 108 and 411.2.

(xiii) San Bernardino County Desert APCD.

(A) New or amended Rules 101, 102, 103, 105, 404, 405, 406(a), 444, 461, 462, 463, 471, 474, 501, 502 and 509.

(B) Previously approved and now deleted without replacement Rules 44 and 53.1.

(C) Rules 701, 702, 712, and 715.

(xiv) Riverside County APCD.

(A) New or amended Rules 101, 102, 105, 461, and 501.

(B) Rule 701.

(xv) Del Norte County APCD.

(A) New or amended rules 240(e), 420 (e) and (f), and 455 (a) and (d), and Appendix D to regulation 1.

(xvi) South Coast Air Quality Management District.

(A) New or amended Rules 218, 463, and 466.

(B) Rules 702 (map only) and 708.2.

(C) Rules 714 and 715.1 (except those portions that pertain to sulfate, oxidant in combination with sulfate, and oxidant in combination with sulfur dioxide).

(xvii) Humboldt County APCD.

(A) New or amended Rules 240(e), 420 (e) and (f), and 455 (a) and (d), and Appendix D to Regulation 1.

(xviii) Santa Barbara County APCD.

(A) New Rule 39.3.

(xix) Mendocino County APCD.

(A) New or amended Rules 240(e), 420 (e) and (f), and 455 (a) and (d), and Appendix D to Regulation 1.

(xx) Trinity County APCD.

(A) New or amended rules 240(e), 420 (e) and (f), and 455 (a) and (d), and Appendix D to Regulation 1.

(xxi) Northern Sonoma County APCD.

(A) New or amended Rules 240(e), 310, and Appendix D to Regulation 1.

(xxii) Monterey Bay Unified APCD.

(A) Regulation VII, Rules 700-713.

(43) [Reserved]

(44) Revised regulations for the following APCD's submitted on June 22, 1978, by the Governor's designee.

(i) Great Basin Unified APCD.

(A) Amended rule 419.

(ii) Santa Barbara County APCD.

(A) New Rule 24.15.

(iii) Ventura County APCD.

(A) New or amended Rules 2, 7, and 56 (with the exception of Sections B(2)(c) and C).

(iv) Yolo-Solano APCD.

(A) Amended Rules 1.2 (preamble), 1.4, 2.8(c)(2), 2.13(h)(4), 2.15, 2.17, 2.20, 4.4(b), 5.1, 5.4(e)(1), 5.10, 5.11, and 6.7(f).

(B) Previously approved and now deleted (without replacement) Rule 2.8(b)(4).

(v) South Coast Air Quality Management District.

(A) Rules 102, 501.1, and 503.

(vi) San Diego County APCD.

(A) New or amended Rules 66, 67.0, and 67.1.

(45) Revised regulations for the following APCD's submitted on July 13, 1978 by the Governor's designee.

(i) Bay Area APCD.

(A) New or amended Regulation 2, Division 3, sections 3210.11(B), 3211.2; Regulation 3, Division 3, § 3102.1; Regulation 9.

(ii) South Coast AQMD.

(A) Rules 302, 461, 465, 1102, and 1113.

(iii) San Diego County APCD.

(A) New or amended Rules 42, 76, and 97.

(46) The following Administrative Chapters of the California SIP, submitted on December 29, 1978, by the Governor's designee.

(i) Chapter 2—Statewide Perspective.

(ii) Chapter 20—Compliance.

(iii) Chapter 23—Source Surveillance.

(iv) Chapter 24—Resources.

(v) Chapter 25—Intergovernmental Relations.

(47) Revised regulations for the following APCD's submitted on January 2, 1979 by the Governor's designee.

(i) South Coast AQMD.

(A) New or amended Rules 301, 303, 708.3, 1201-1206, 1209-1211, 1214, 1217, 1220-1221, 1223-1224 and 1231.

(B) New or amended rules 462, 481, and 1104.

(ii) Fresno County APCD.

(A) New or amended Rules 110, 416.1, and 519.

(B) New or amended Rule 409.1.

(iii) Kern County APCD.

(A) New or amended Rules 111, 301, and 519.

(B) Rule 412.

(iv) Lake County APCD.

(A) New or amended Rules 435, and 436, and Tables V and VI.

(v) Monterey Bay Unified APCD.

(A) Amended Rule 301.

(vi) Siskiyou County APCD.

(A) Amended Rule 4.3.

(vii) San Luis Obispo County APCD.

(A) Rule 407.

(48) Chapter 3—Legal Authority of the California SIP, submitted on March 16, 1979, by the Governor's designee.

(49) Addendum to Chapter 23 of the California SIP submitted on March 29, 1979, by the Governor's designee.

(50) Revised regulations for the following APCD's submitted on May 7, 1979, by the Governor's designee.

(i) Del Norte County APCD.

(A) New or amended Rules 240, 410(a) and (c), and 615.

(ii) Humboldt County APCD.

(A) New or amended rules 240, 410 (a) and (c), 615.

(iii) Mendocino County APCD.

(A) New or amended rules 240, 410, and 615.

(iv) Trinity County APCD.

(A) New or amended rules 240, 410 (a) and (c), and 615.

(v) Northern Sonoma County APCD.

(A) New or amended Rules 240, 300, 310, 320, 410 (a) and (c), 420, 540, 615.

(vi) Merced County APCD.

(A) New or amended Rule 409.1.

(B) New or amended Rule 519.

(vii) Modoc County APCD.

(A) New or amended rules 1:2 w, 2:11, 2:15, 3:3 and 3:4.

(viii) Monterey Bay Unified APCD.

(A) Rules 403 and 602.

(ix) Ventura County APCD.

(A) New or amended Rules 71 and 71.3.

(B) New or amended Rule 11.

(x) San Diego County APCD.

(A) New or amended Rule 10(h) and deletion of Rule 43.

(51) Revised regulations for the following APCD's submitted May 23, 1979, by the Governor's designee.

(i) Kern County APCD.

(A) Amended Rules 305 and 503.

(B) Rules 410.1 and 424.

(ii) Monterey Bay Unified APCD.

(A) Rule 417.

(B) Rule 617.

(iii) Del Norte County APCD.

(A) New or amended rules 130, 300, 310, 320, 420, 540 and Regulation 1/Appendix D.

(iv) Humboldt County APCD.

(A) New or amended rules 130, 300, 310, 320, 420, 540 and Regulation 1/Appendix D.

(v) Mendocino County APCD.

(A) New or amended rules 130, 300, 310, 320, 420, 540 and Regulation 1/Appendix D.

(vi) Trinity County APCD.

(A) New or amended rules 130, 300, 310, 320, 420, 540 and Regulation 1/Appendix D.

(vii) San Diego County APCD.

(A) Amended Rules 2(t), 61.5, and 61.7.

(B) New or amended rules 19.2(d)(4), 50, 62(a), 66(P) and (W), 95, and 98.

(viii) San Joaquin County APCD.

(A) New or amended Rule 409.1.

(B) New or amended rules 110 (a), (b), and (d)-(i), 301, 303-311, and 511.

(C) New or amended rules 102, 108.2, 110(c), 302, 401, and 521.

(ix) Stanislaus County APCD.

(A) New or amended Rule 409.1.

(B) New or amended rule 110 (A), (B) and (D)-(I).

(C) New or amended Rules 110(c) and 519.

(x) Tulare County APCD.

(A) New or amended Rules 410.1 and 413.

(B) New or amended rules 111 (a), (b), and (d)-(i), 402, and 417.

(C) New or amended Rules 108, 111(c), 201, 410 and 519.

(xi) Lake County APCD.

(A) New rules 227.1, 254.1, and 660.

(xii) San Bernardino County Desert APCD.

(A) New rules 480 and 501.1.

(B) New or amended Rules 442, 463, and 1113.

(xiii) Santa Barbara County APCD.

(A) New or amended rules 101, 102, 103, 104, 201(A, B, D, E, F, and G), 202, 203, 204, 205(A and B), 206, 207, 208, 209, 210, 211, 301, 302, 304, 305, 306, 307, 308, 309, 311, 312, 313, 314, 315, 317, 319, 322, 324, 328, 401, 402, 403, 501, 502, 503, 504, 505, 505-A, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 601, 602, 603, 604, 605, 606, 607, 608, 609, and 610.

(xiv) El Dorado County APCD—Lake Tahoe Air Basin Portion.

(A) New or amended Rules 101, 102 (except LAER, stationary source, modification definitions), 103, 104, 201-203, 206A-212, 217, 301-305, 307-310, 312-321, 404, 702-704, 706-710, and 801-804. Deleted Rules 59(g)(1), 102I, 102S, 102BB, 102FF, 102GG, 102LL, 102RR, 208, 214, 601, 602, and 700.

(B) Amended Rule 306.

EDITORIAL NOTE: At 47 FR 27068, June 23, 1982, the following paragraph (c)(51)(xiv)(B) was added to § 52.220, and will be correctly designated by an EPA document published in the FEDERAL REGISTER at a later date.

(B) New or amended Rules 102, LAER, stationary source, and modifications; 213; and 214.

(xv) Placer County APCD—Mountain Counties Air Basin Portion.

(A) New or amended Rules 404, 602, and 603.

(B) Deletion of Rules 604 and 605.

(xvi) Sacramento County APCD.

(A) Amended Rule 71.

(xvii) Shasta County APCD.

(A) Amended Rule 3.4.

(xviii) *Sierra County APCD.* (A) New or amended Rules 207, 210, 211, 218 and 618.

(xix) Tehama County APCD.

(A) Amended Rule 2.1 and previously approved and now deleted Rule 2.9 (Action on Applications).

(xx) Ventura County APCD.

(A) New or amended Rules 6, 8, 9, 13, 24, 40, 63, 75, 102, 103, 110, 111, 112, 113, 114, 120, 121, 123, 124, 125, 126, 127, and 130.

(52) Revised regulations for the following APCD's submitted October 15, 1979, by the Governor's designee.

(i) Kern County APCD.

(A) Amended Rule 302

(B) Rules 410.4, 410.5, and 414.2.

(ii) Imperial County APCD.

(A) Rules 415.1 and 424.

(B) New or amended rules 101 L, 110, 201B, 301, 302, 304, 306, 401, 404, 406, 408, 410, 417 I, 418, 419, 422, Regulation VI, 701, 702, 703 (deletion), 705, and 706.

(iii) [Reserved]

(iv) Kings County APCD.

(A) New or amended Rules 210.1 (except paragraphs (3)(D) and (5)(B)(8)), 210.2, 410.1, 410.2, 410.3, 410.5, 412.1, 413, 414.1, and 414.2.

(B) New or amended rules 111 (A), (B), and (D)-(I), 301, 302, and 401.

(C) New or amended Rules 111(c), and 519.

(v) Madera County APCD.

(A) New or amended Rules 210.2, 410.1, 410.3, 410.5, 411, and 412.

(B) New or amended rules 102, 103, 103.1, 104, 105, 108, 108.1, 110, 115, 210.3, 301, 305, 402(a)-(e), 409, 410, 416, 417, 418, 501, 504, 511, 601, 602, 603, 606-611, and 612.

(C) New or amended Rules 111(c) 402(f) and 519.

(vi) Merced County APCD.

(A) New or amended Rules 210.1 (except paragraphs (3)(D) and (5)(B)(8)), 210.2, 409.5, and 411.

(B) New or amended rules 109 (A), (B), and (D)-(I).

(C) New or amended Rule 109(c).

(vii) San Joaquin County APCD.

(A) New or amended Rules 209.1 (except paragraphs (B)(3) and (D)(2)(b)), 209.2, 409.3, 410, 411.1, 413, 413.1, 413.2, and 413.3.

(B) New or amended rule 209.3.

(C) New or amended Rule 209.4.

(viii) Stanislaus County APCD.

(A) New or amended Rules 209.2 and 411.

(ix) Tulare County APCD.

(A) New or amended Rules 210.1 (except paragraphs (C)(4) and (e)(2)(H)), 210.2 and 410.5.

(B) New or amended rules 301 and 302.

(x) Lake County APCD.

(A) Amended rule 433.

(xi) Amador County APCD.

(A) New or amended Rules 102, 103, 107, 203, 206B, 207, 209-211, 213, 215, 216, 301-313, 315-324, 401, 402, 404, 407, 409, Regulation VI, 700-704, 710, and 711.

(xii) Nevada County APCD.

(A) New or amended Rules 207, 210, 211, 218, 306, 307, and 404.

(xiii) Placer County APCD—Mountain Counties Air Basin Portion.

(A) New or amended Rules 101, 102, 104, 201, 202, 207, 210, 211, 220-222, 301-310, and 312-323.

(B) New or amended Rules 215 and 219.

(C) [Reserved]

(D) New or amended Rules 501B, 502, 504, 506, 512, and 513.

(xiv) Tuolumne County APCD.

(A) New or amended Rules 207, 210, 218, and 404.

(xv) Fresno County APCD.

(A) New or amended Rules 210.1 [except paragraphs (3)(D) and (5)(B)(8)], 210.2, 409.5, 409, 409.3, 409.4, and 411.

(B) New or amended Rules 301, 302, and 305.

(xvi) Yuba County APCD.

(A) New or amended Rules 1, Section 1 (except Silviculture Deletion), 1.1 (except PPM), 2.0-2.2, 2.4 except (a), 2.5-2.12, 2.15-2.20, 2.22-2.24, 2.27, 2.30, Section 5 (Deletion), 5.0-5.3, 5.5-5.19, 6.1-6.7, 7, 7.1 and 8.1.

(B) New or amended Rules 2.3 and 2.4(a).

(xvii) San Diego County APCD.

(A) New or amended Rule 67.7 and 67.2.

(xviii) Shasta County APCD.

(A) New or amended Rules 1.1, 1.2, 2.11, 2.12, and 3.2 (except rows (vi) and (vii)).

(B) Amended Rule 2:5.

(xix) Yolo—Solano APCD.

(A) New or amended Rules 4.1-4.3.

(B) New or amended rules 301, 302, and 305.

(xx) Sacramento County APCD.

(A) New or amended Rule 1.

(xxi) Siskiyou County APCD.

(A) New or amended Rules 2.14-2.16.

(53) Revisions to air pollution emergency episode plans submitted on February 14, 1980 by the Governor's designee.

(i) Bay Area Air Quality Management District Rules 100, 101, 300, 301, 302, 303, 304, 305, 400, 401, 402, 403, and 404.

(54) Revised regulations for the following APCD's submitted on February 25, 1980, by the Governor's designee.

(i) Ventura County APCD.

(A) Rules 150, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, and 162.

(B) New or amended Rule 71.1.

(C) New or amended Rules 56, 80, 81, and deletion of Rules 17, 151, 163, and 164.

(ii) Monterey Bay Unified APCD.

(A) Rule 422 and deletion of Rule 508.

(B) Amended Rule 416.

(iii) San Luis Obispo County APCD.

(A) Rules 301, 302, 303, and 304.

(iv) Yolo—Solano APCD.

(A) Amended Rule 5.4.

(B) New or amended Rules 2.21, 2.21.1, 2.24 and 2.25.

(C) New or amended Rules 3.13, 3.4.1, and 3.4.2.

(v) Sacramento County APCD.

(A) New or amended Rule 17.

(C) New or amended Rules 3.13, 3.4.1, and 3.4.2.

(vi) Sutter County APCD.

(A) New or amended Rules 1.4, 2.8.1 (Deletion), 2.17, and 2.82.

(vii) Yuba County APCD.

(A) Amended Rule 2.26.

(viii) Butte County APCD.

(A) New Rule 2-12.e.

(B) Amended Rules 4.5A and 4.5B.

(ix) Tehama County APCD.

(A) Amended Rules 2.5A and 2.5B.

(x) Colusa County APCD.

(A) New or amended Rules 2.7 A and B.

(xi) Glenn County APCD.

(A) New or amended Rules 51.1 and 51.2.

(xii) Shasta County APCD.

(A) New or amended Rules 1:2 (Best Available Control Technology, Stationary Source and Precursor) and 2:1 A.

(55) The following material for Imperial County was submitted on October 11, 1979 by the Governor's designee.

(i) Summary of Plan Compliance with Clean Air Act Requirements.

(ii) Imperial County plan to attain National Ambient Air Quality Standards for oxidants, October 31, 1978.

(iii) SIP Revision—Imperial County ARB Staff Report, No. 79-4-2.

(iv) ARB resolution 79-9, February 21, 1979.

(v) Copies of Board hearing testimony.

(56) Revised regulations for the following APCDs submitted on March 17, 1980, by the Governor's designee.

(i) Imperial County APCD.

(A) Rules 207 [except Subparagraph C.4.], 208, and 209.

(ii) Ventura County APCD.

(A) Amended Rule 26.3.

(B) New or amended Rules 10, 25, and 27.

(57) The *North Central Coast Air Basin Strategy* (Chapter 10 of the comprehensive revisions to the State of California Implementation Plan for the Attainment and Maintenance of Ambient Air Quality Standards) submitted on September 12, 1979 by the Governor's designee.

(58) Revised regulations for the following APCDs submitted on December 17, 1979 by the Governor's designee.

(i) Monterey Bay Unified APCD.

(A) Rules 418, 425 and 426.

(B) New or amended rules 300, 405, and 601.

(ii) South Coast AQMD.

(A) New or amended Rules 1107, 1108, 1108.1 and 1128.

(B) New or amended Rules 404, 442, 501.1, 502, 504.1(b), (c), and (d), and 1124.

(iii) Great Basin Unified APCD.

(A) New or amended rules 205, 210, 300A, and G, 403, 408, 419, and 617.

(B) New or amended Rules 203, 209-A and B, 212, and 213.

(iv) Ventura County APCD.

(A) New or amended Rule 74.3.

(v) Butte County APCD.

(A) New or amended Rules 2.12a, 2.12b, 2.12c, and 2.12d.

(vi) Shasta County APCD.

(A) New or amended Rules 1.2, 3.14, and 3.15.

(vii) Yolo—Solano APCD.

(A) Amended Rules 2.8 and 6.6.

(viii) San Luis Obispo County APCD.

(A) New or amended Rule 407.

(ix) Modoc County APCD.

(A) New or amended Rule 2:8-e.

(59) Revised regulations for the following APCD submitted on March 4, 1980 by the Governor's designee.

(i) Monterey Bay Unified APCD.

(A) Rules 207 (except B.4.) and 208.

(B) New or amended rules 205, 211, 212, 213, and 214.

(60) Chapter 4, *California Air Quality Control Strategies,* of the California SIP, submitted on May 23, 1979, by the Governor's designee.

(61) Redesignation of AQCR's in California, submitted on September 11, 1978, by the Governor's designee.

(62) The *San Diego Air Basin Control Strategy* (Chapter 14 of the Comprehensive Revisions to the State of California Implementation Plan for the Attainment and Maintenance of Ambient Air Quality Standards) submitted on July 5, 1979, by the Governor's designee, except the inspection/maintenance portion. Additional documents were also submitted as Appendices. Those portions of the *San Diego Air Basin Control Strategy,* including Appendices, identified by Table 14-1, "Location of Plan Elements Which Meet Clean Air Act Requirements" (pages 6-7), comprise the submitted nonattainment area plan, except the inspection/maintenance portion. The remaining portions are for informational purposes only.

(63) The following portions of the *California Environmental Quality Act* submitted on October 20, 1980, by the Governor's designee: Sections 21000; 21001; 21002; 21002.1; 21061; 21063; 21065; 21080.1; 21080.4; 21080.5 (a), (b), (c) and (d); 21081; 21082; 21100; 21104; 21151; 21153; 21160.

(64) Revised regulations for the following APCD submitted on February 13, 1980, by the Governor's designee.

(i) San Diego County APCD.

(A) Rules 20.1, 20.2, 20.3, 20.4, 20.5 and 20.6.

(65) The following amendments to the plan were submitted on July 25, 1979, by the Governor's designee.

(i) The *South Coast Air Basin Control Strategy* (Chapter 18 of the Comprehensive Revision to the State of California Implementation Plan for the Attainment and Maintenance of Ambient Air Quality Standards). Those portions of the *South Coast Air Basin Control Strategy* identified by Table 18-1, "Location of Plan Elements Which Meet Clean Air Act Requirements," together with Rules 1115 and 1126, comprise the submitted nonattainment area plan control strategy. The remaining portions are for informational purposes only.

(ii) New or amended Rules 218, 431, 431.1-431.3, 1120, 1206-1208, 1212, 1213, 1215, 1216, 1218, 1219, 1222, and 1225-1230.

(66) Revised regulations for the following APCD's, submitted on February 7, 1980, by the Governor's designee.

(i) South Coast AQMD.

(A) New or amended Rule 461.

(ii) Bay Area AQMD.

(A) Regulation 8: Rule 1, 2 (except paragraph 301), 4, 7, 8, 9, 10, 11, 13, 14, 15, 16, 18 and 19.

(67) Revised regulations for the following APCD's, submitted on April 2, 1980, by the Governor's designee.

(i) South Coast AQMD.

(A) New or amended Rule 1122.

(B) New or amended Rules 107, 709(c), 1111, 1121 and 1140.

(ii) Bay Area AQMD.

(A) New or amended Regulation 9, Rules 9-4-100, 9-4-101, 9-4-200 to 9-4-203, 9-4-300, 9-4-301, 9-4-303, and 9-4-400 to 9-4-404.

(iii) Kern County APCD.

(A) New or amended rules 412.1(b)-(f).

(iv) Sacramento County APCD.

(A) New or amended Rules 7, 24, 25, 28, 30, and 53.

(B) New or amended rules 120, 121, and 122.

(68) Revised regulations for the South Coast AQMD, submitted on April 3, 1980, by the Governor's designee.

(i) New or amended Rules 1301, 1303, 1304, 1305, 1306, 1307, 1310, 1311, and 1313.

(69) Revised regulations for the South Coast AQMD submitted on April 23, 1980, by the Governor's designee.

(i) New or amended Rules 464, 465, 1123, and 1125.

(ii) New or amended Rules 301, 405, 431.2(c)(5), 701, 702 (a), (d), (e), (f), (h) and (i), 703-706, 708.3(a), (b)(8)-(b)(10), 708.4(g) and (h), 709(a), 710(a) and (b)(4), 711(a)(1), (a)(4), (b)(1) and (b)(4), and 713-715.

(70) Revised regulations for the following APCD's submitted on August 15, 1980, by the Governor's designee.

(i) South Coast AQMD.

(A) New or amended Rules 1302 and 1308.

(B) New or amended Rule 1101.

(C) New or amended rules 702(b), 707, 708, 708.3 (a)(2) and (c), 708.4 (a) and (b), 709(e), 710 (b)(1)(D), (b)(2)(D), (b)(3)(B), and (c)(3)(B), 711 (a)(1)(E), (a)(2)(D), (a)(3)(B), (a)(4)(F), (b)(3)(B), and (b)(4)(f), and 1102.

(ii) San Diego County APCD.

(A) New or amended rules 2 (z) and (aa), 40, and 10 (f) and (i).

(iii) Shasta County APCD.

(A) Amended Rule 3.3.

(iv) El Dorado County APCD (Mountain Counties and Lake Tahoe Air Basin).

(A) New or amended Rules 601-613.

(71) The *San Joaquin Valley Air Basin Control Strategy* (Chapter 16 of the Comprehensive Revisions to the State of California Implementation Plan for the Attainment and Maintenance of Ambient Air Quality Standards) submitted on October 11, 1979, by the Governor's designee. Those portions of the *San Joaquin Valley Air Basin Control Strategy* identified by Tables 16-1a, 1b and 1c (Summary of Plan Compliance with Clean Air Act Requirements) except which pertain to Fresno County and the six transportation control measures for Stanislaus County, comprise the submitted plan. The remaining portions are for informational purposes only. The following rules were also submitted on October 11, 1979 as part of the enforceable plan:

EDITORIAL NOTE: At 47 FR 28620, July 1, 1982, the following introductory text to paragraph (c)(71) was added to § 52.220, effective July 1, 1982, and will be correctly designated by EPA document published in the FEDERAL REGISTER at a later date.

(71) The *San Joaquin Valley Air Basin Control Strategy* (Chapter 16 of the Comprehensive Revisions to the State of California Implementation Plan for the Attainment and Maintenance of Ambient Air Quality Standards) submitted on October 11, 1979, by the Governor's designee. Those

portions of the *San Joaquin Valley Air Basin Control Strategy* identified by Tables 16-1a, 1b and 1c (Summary of Plan Compliance with the Clean Air Act Requirements) comprise the submitted plan. The remaining portions are for informational purposes only.

(i) Kings County APCD.

(A) New or amended Rules 411 and 413.3.

(ii) Madera County APCD.

(A) New or amended Rule 210.1 (except paragraphs (3)(D) and (5)(B)(8)).

(iii) Merced County APCD.

(A) New or amended Rules 409.3 and 410.

(iv) Tulare County APCD.

(A) New or amended Rule 410.3.

(72) The San Francisco Bay Area Basin Control Strategy (Chapter 15 of the Comprehensive Revisions to the State of California Implementation Plan for the Attainment and Maintenance of Ambient Air Quality Standards) including appendices, submitted on July 25, 1979, by the Governor's designee.

(73) Revised regulations for the following APCD's submitted on January 14, 1980, by the Governor's designee.

(i) Bay Area AQMD.

(A) Regulation 2: Rule 1: 2-1-200, 2-1-300, 2-1-307, and 2-1-400, Rule 2: 2-2-100, 2-2-200, 2-2-209, 2-2-210, 2-2-300, and 2-2-400; Rule 3: 2-3-100, 2-3-101, 2-3-200, 2-3-201, 2-3-300, 2-3-301, 2-3-302, 2-3-401, 2-3-401.1 to 2-3-401.3, 2-3-402, 2-3-403, 2-3-404, and 2-3-405.

(74) Revised regulations for the following APCD's submitted on December 24, 1979, by the Governor's designee.

(i) Imperial County APCD.

(A) New or amended rules 111, 413, 414, 416, 416 (deletion), and 517.

(ii) Santa Barbara County.

(A) Rule 316.

(iii) Ventura County APCD.

(A) New Rule 70 (except paragraph E).

(75) Revised regulations for the Kern County APCD, submitted on January 8, 1980, by the Governor's designee.

(i) Rules 210.2, 410.3, 411, 414, 414.1, and 414.3.

(76) Revised regulations for the following APCD's, submitted on April 15, 1980, by the Governor's designee.

(i) Kern County APCD.

(A) Amended Rule 210.1

(77) The following amendments to the plan were submitted on October 18, 1979, by the Governor.

(i) San Luis Obispo County APCD.

(A) New or amended rules 415, 416, 420, and 422.

(ii) The South Central Coast Air Basin Control Strategy [Chapter 17 of the Comprehensive Revision to the State of California Implementation Plan for the Attainment and Maintenance of Ambient Air Quality Standards]. Those portions of the South Central Coast Air Basin Control Strategy identified by Tables 17-1 and 17-2 "Location of Plan Elements Which Meet Clean Air Act Requirements" together with the rules identified below comprise the submitted nonattainment area plan. The remaining portions are for informational purposes only.

(A) Santa Barbara County APCD Rules 320, 321, 323, 327, 329 to 332, 201.C and 205.C. (except subparagraph 5.b.8.).

(B) Ventura County APCD Rules 26 (except 26.2, 26.3 and 26.4), 74.4, 74.7, and 74.8.

(78) Revised regulations for the following APCD submitted on November 19, 1979, by the Governor's designee.

(i) South Coast AQMD.

(A) Deletion of rules 67 and 72.

(ii) California Lead SIP.

(79) Revised regulations for the following APCD's submitted on June 2, 1980, by the Governor's designee.

(i) Monterey Bay Unified APCD.

(A) Rule 427.

(ii) Bay Area AQMD.

(A) New or amended Regulation 1, Rules 1-100 to 1-111, 1-114, 1-200 to 1-205, 1-207 to 217, 1-219 to 1-232, 1-400 to 1-402, 1-410 to 1-412, 1-420, 1-430 to 1-434, 1-440, 1-441, 1-500 to 1-502, 1-510, 1-521, 1-530, 1-540, 1-541, 1-543, 1-544; Regulation 5, Rules 5-100, 5-101, 5-110, 5-111, 5-200 to 5-207, 5-300, 5-301, 5-400 to 5-404; Regulation 6, Rules 6-100, 6-101, 6-200 to 6-204, 6-300 to 6-304, 6-310, 6-312, 6-320, 6-330, 6-400, 6-401, 6-500 to 6-502; Regulation 11, Rules 11-1-100 to 11-1-102, 11-1-300 to 11-1-303; Regulation 12, Rules 12-2-100, 12-2-101, 12-2-200, 12-2-201, 12-2-300, 12-2-301, 12-2-500, 12-2-501, 12-3-100, 12-3-101, 12-3-300, 12-3-301, 12-3-500, 12-3-501-12-4-100 to 12-4-102, 12-4-200 to 12-4-212, and 12-4-300 to 12-4-307.

(iii) Ventura County APCD.

(A) New or amended Rule 2.

(B) New or amended Rule 59.

(iv) South Coast AQMD.

(A) Deletion of Rule 471.

(v) San Diego County APCD.

(A) New or amended rules 1, 2 (a), (b), (t), (v), (u), (x), and (y), 14, 17, 67.0, and 67.1.

(vi) Shasta County APCD.

(A) New Rule 3.17.

(80) The following amendments to the plan were submitted on August 21, 1979 by the Governor's designee.

(i) Revised regulations for Placer County APCD—Lake Tahoe Air Basin Portion.

(A) New or amended Rules 101-104, 201-204, 206-211, 215, 217, 301-308, and 310-319.

(B) New Rule 507.

EDITORIAL NOTE: At 47 FR 27068, June 23, 1982, the following paragraph (c)(80)(i)(B) was added to § 52.220, and will be correctly designated by an EPA document published in the FEDERAL REGISTER at a later date.

(B) New or amended Rules 212, 213, 508 (except Paragraph (1)(C)(3)(h), and 514.

(C) New or amended Rules 502-506 and 511-513.

(ii) Chapter 8, Lake Tahoe Basin Control Strategy, including Support Documents and Appendices. The Transportation Improvement Program and Regional Transportation Plan are for informational purposes only.

(81) Revised regulations for the following APCD, submitted on February 11, 1980 by the Governor's designee.

(i) El Dorado County APCD—Lake Tahoe Air Basin Portion.

(A) New or amended Rules 507, 511-515, and 519-528.

(B) New or amended Rules 501 to 506, 508 to 510, and 516 to 518.

(82) [Reserved]

(i) Ventura County APCD.

(A) New or amended Rule 74.6.

(83)(i) [Reserved]

(ii) Kings County APCD.

(A) New or amended Rule 414.

(iii)(A) [Reserved]

(B) New or amended rules 411.1 and 416.1.

(84) Revised regulations for the following APCDs submitted on October 10, 1980, by the Governor's designee.

(i) Madera County APCD.

(A) New or amended Rule 410.4.

(ii) Merced County APCD.

(A) New or amended Rule 409.4.

(iii) Kings County APCD.

(A) New or amended Rule 410.4.

(iv) San Joaquin County APCD.

(A) New or amended Rule 409.4.

(v) Stanislaus County APCD.

(A) New or amended Rule 409.4.

(vi) Tulare County APCD.

(A) New or amended Rule 410.4.

(vii) Modoc County APCD.

(A) Amended Rule 3:12.

(85) Revised regulations for the following APCDs submitted on December 15, 1980, by the Governor's designee.

(i) Tulare County APCD.

(A) New or amended Rule 412.

(B) New or amended rule 412.1.

(C) New or amended Rules 201 and 417.1.

(ii) Madera County APCD.

(A) New or amended rule 412.1

(B) New or amended Rules 201, 202, 301, and 417.1.

(iii) Sacramento County APCD.

(A) New or amended Rule 13.

(iv) San Diego County APCD.

(A) New or amended Rules 61.0, 61.0 (n) and (o), 61.1, 61.1(a)(1) (i) and (h), 61.2, 61.2(a), 61.3 and 61.4

(v) San Bernardino County APCD, Southeast Desert Air Basin portion.

(A) New or amended Rules 461 and 462.

(vi) Tehama County APCD.

(A) New or amended Rules 1.2, 1.3, 2.7, 2.8, 2.9, 3.1, 3.2, 3.3-3.14, 4.1, 4.2, 4.6, and 4.7.

(B) Previously approved and now deleted rule 2.8 (Further Information).

(vii) Santa Barbara County APCD.

(A) New or amended Rule 210.

(viii) [Reserved]

(ix) Kings County APCD.

(A) New or amended Rule 417.1.

(86) Revised regulations for the following APCD's submitted on July 10, 1980 by the Governor's designee.

(i) Bay Area AQMD.

(A) Regulation 8: Rule 2 (Paragraph 301).

(B) [Reserved]

(C) New or amended Regulations, Rules 1-206, 1-218, 6-311, 9-1-100, 9-1-101, 9-1-110 9-1-200 to 9-1-204, 9-1-300 to 9-1-308, 9-1-310, 9-1-311, 9-1-400 to 9-1-404, 9-1-500 to 9-1-502, and 9-4-302.

(ii) Butte County APCD.

(A) Amended Rule 4.9.

(87) Revised regulations for the following APCD's submitted on September 5, 1980 by the Governor's designee.

(i) Bay Area AQMD.

(A) Regulation 8: Rule 5, Rule 6, and Rule 12.

(ii) San Diego County APCD.

(A) New or amended rule 19.

(iii) San Joaquin County APCD.

(A) New or amended rule 411.2.

(B) New or amended Rules 202 and 416.1.

(iv) San Bernardino County APCD, Southeast Desert Air Basin portion.

(A) New or amended Rules 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1310, 1311, and 1313.

(v) Los Angeles County APCD, Southeast Desert Air Basin portion.

(A) New or amended Rules 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1310, 1311, and 1313.

(vi) Sacramento County APCD.

(A) New or amended Rules 74, 90, 92, 93, 94, 95, 96, 98, and Regulation VII.

(vii) Ventura County APCD.

(A) New or amended Rules 2 and 55.

(viii) Shasta County APCD.

(A) New Rule 2:6.

(88) Revised regulations for the following APCDs submitted on July 25, 1980, by the Governor's designee.

(i) Stanislaus County APCD.

(A) New or amended Rule 209.1 (except paragraphs (3)(E) and (5)(B)(8)).

(B) New or amended rules 103 and 305.

(C) New or amended Rules 202 and 416.1.

(ii) Bay Area AQMD.

(A) New or amended Regulation 3, Rules 3-100 to 3-103, 3-200 to 3-206, 3-208 to 3-211, 3-300 to 3-311, and 3-400 to 3-408.

(iii) South Coast AQMD.

(A) New or amended rule 1119.

(iv) [Reserved]

(v) Merced County APCD.

(A) New or amended rule 411.1.

(B) New or amended Rules 202 and 416.1.

(89) Revised regulations for the following APCDs submitted on March 30, 1981, by the Governor's designee.

(i) Kings County APCD.

(A) New or amended Rule 411.

(ii) Yolo-Solano County APCD.

(A) New or amended Rule 2.13(h)(6).

(iii) Imperial

(A) New Rule 418.1.

EDITORIAL NOTE: At 47 FR 18856, May 3, 1982, the following paragraphs (c)(89)(iii) introductory text and (iii)(A) were added to § 52.220, and will be correctly designated by an EPA document published in the FEDERAL REGISTER at a later date.

(iii) Yuba County APCD.

(A) Amended rules 3.8, 3.12, and 3.15.

(B) New or amended rules 1.3, 3.0-3.7, 3.9, 3.10, 3.13, 4.0-4.5, 4.7-4.10, 4.12, 5.4, 6.0, 8.0, 8.2, 9.0-9.5, 9.7 and 9.8.

(iv) Monterey

(A) New Rule 425.

(vi) Lake County APCD.

(A) New or amended Sections 101, 227.4, 301, 1602, and Table VI.

(90) The following amendments to the plan were submitted on December 31, 1979, by the Governor's designee.

(i) Chapter 22—Air Quality Monitoring by State and Local Air Monitoring Stations (SLAMS).

(91) The following amendments to the plan were submitted on November 13, 1979, by the Governor's designee.

(i) The Sacramento Valley Air Basin Control Strategy (Chapter 13 of the Comprehensive Revisions to the State of California Implementation Plan for the Attainment and Maintenance of Ambient Air Quality Standards): those portions pertaining to the Sacramento Metropolitan Area including the following rules:

(A) Placer County APCD (Mountain Counties Air Basin portion) Rules 212, 217, and 218.

(B) Sacramento County APCD Rules 6, 11, 12, 16, 19, and 56 (except paragraph (5)(a)(8)).

(C) Yolo-Solano County APCD Rules 2.14 and 3.4 [except paragraph (5)(a)(8)].

(ii) The Sacramento Valley Air Basin Control Strategy [Chapter 13 of the Comprehensive Revisions to the

State of California Implementation Plan for the Attainment and Maintenance of Ambient Air Quality Standards]: those portions pertaining to Butte, Yuba, and Sutter Counties, including the following rules:

(A) Butte County APCD Rules 2.12f and 4-5.

(92) Revised regulations for the following APCDs submitted on May 28, 1981, by the Governor's designee.

(i) Stanislaus County APCD.

(A) New or amended Rule 409.5.

(ii) Placer County (Mountain Counties Air Basin portion).

(A) New or amended Rules 213, 216, and 223.

(B) New or amended Rules 102, 203, 211, 301, 305, 306, 324, 325, 601, and 702.

(iii) Lake County APCD.

(A) New Rule 216.1.

(iv) Great Basin Unified APCD.

(A) New or amended Rules 101, 300, 404-A, 423, and 424.

(v) San Diego County APCD.

(A) New or amended rules 127, 130, 131, 132, and 134.

(93) Revised regulations for the following APCDs submitted on June 22, 1981, by the Governor's designee.

(i) Stanislaus County APCD.

(A) New or amended Rule 409.3.

(B) New or amended Rule 409.8.

(ii) [Reserved]

(iii) Plumas County APCD.

(A) New or amended Rules 203, 301-319, 512-516, 703, and 710.

(B) New or amended Rules 501-511 and 517-521.

(iv) Sierra County APCD.

(A) New or amended Rules 203, 301-319, 512-516, 522, 523, 703, and 710.

(B) New or amended Rules 501-511 and 517-521.

(v) Kern County APCD.

(A) New or amended Rule 410.6.

(94) Revised regulations for the following APCD's submitted on October 7, 1980, by the Governor's designee.

(i) Stanislaus County APCD.

(A) New or amended rule 411.1.

(ii) [Reserved]

(iii) San Bernardino County APCD.

(A) New or amended rules 701, 704, 705, 707-711, and 712. Previously approved Rule 707, "Plans", submitted on June 6, 1977 is retained.

(95) Revised regulations for the following APCD's submitted on March 23, 1981, by the Governor's designee.

(i) Kern County APCD.

(A) New or amended rule 412.1(a).

(ii) Ventura County APCD.

(A) Amended Rule 26.2.

(B) New or amended Rules 21, 29, 30, and 64.

(iii) Northern Sonoma County APCD.

(A) Amended Regulation 2, Rules 100, 120, 140, 200, 220, 240, 300, and 320.

(iv) [Reserved]

(v)(A) [Reserved]

(B) New or amended Rule 301.

(vi) Humboldt County APCD.

(A) New or amended Rules 130, 200, 210, 220, 230, 240, 250, and 260.

(96) Revised regulations for the following APCDs submitted on November 3, 1980, by the Governor's designee.

(i) South Coast AQMD.

(A) New or amended rule 1113.

(ii) Butte County APCD.

(A) New or amended rules 1-8, 1-8.1, 1-10, 1-13, 1-14, 3-1, 3-2, 3-6, 3-11, 3-11.2, 3-11.3, 3-12, 3-12.1, 3-12.2, 3-14, 3-15, 3-16, and 3-16.1.

(iii) Glenn County APCD.

(A) New or amended rules 2 (a,i,v, and aa), 3, 11, 11.1, 11.2, 13, 13.1, 14, 14.1, 14.2, 14.3, 15, 16, 19, 21, 21.1, 22, 75, 81, 83, 83.1, 83.2, 96, 110, and 112.

(iv) Yolo-Solano APCD.

(A) New or amended rules 1.2 (a and g), 6.1 and 6.3.

(97) Revised regulations for the following APCDs submitted on June 24, 1980, by the Governor's designee.

(i) Sacramento County APCD.

(A) New or amended Rule 18.

(98) Revised regulations for the following APCDs, submitted on January 28, 1981, by the Governor's designee.

(i) Sutter County APCD.

(A) Amended Rules 3.8, 3.14, and 3.15.

(B) New or amended Rules 1.0-1.3, 2.1-2.12, 2.15, 2.16, 3.0-3.7, 3.9, 3.10, 3.12, 3.13, 4.0-4.5, 4.7-4.10, 4.12-4.15, 5.0-5.19, 6.0-6.7, 7.0, 7.1, 7.2, 8.0, 8.1, 8.2, 9.0-9.7, and 9.8.

(C) Previously approved and now deleted rules 2.1 (Control of Emissions), 2.7 (Wet Plumes), 2.15 (Fuel Burning Equipment), 2.20 (Payment of Order Charging Costs), 3.7 (Information), 4.5

(Standards for Granting Applications), 4.6 (Permits, Daily Limits), and 4.8 (Permit Forms).

(ii) Siskiyou County APCD.

(A) New or amended agricultural burning regulations consisting of "General Provisions" and Articles I-VII.

(iii) Mendocino County APCD.

(A) Amended Regulation 2, Rules 100, 120, 140, 200, 220, 240, 300, 320, Appendix A, B, and C.

(iv) Del Norte County APCD.

(A) Amended Regulation 2, Rules 100, 120, 140, 200, 220, 240, 300, 320, Appendix A, B, and C.

(v) Humboldt County APCD.

(A) Amended Regulation 2, Rules 100, 120, 140, 200, 220, 240, 300, 320, Appendix A, B, and C.

(vi) Trinity County APCD.

(A) Amended Regulation 2, Rules 100, 120, 140, 200, 220, 240, 300, 320, Appendix A, B, and C.

(99) Commitments by the Bay Area AQMD, Fresno County APCD, Kern County APCD, Monterey Bay Unified APCD, Sacramento County APCD, San Diego County APCD, Santa Barbara County APCD, South Coast AQMD, and Ventura County APCD to carry out public notification programs as required by Section 127 of the Clean Air Act and in accordance with EPA guidance. These commitments were submitted by the Air Resources Board on January 22, 1981.

(100) Revised regulations for the following APCDs submitted on October 25, 1979, by the Governor's designee.

(i) San Diego County APCD.

(A) New or amended Rules 67.3 and 67.5.

(101) Revised regulations for the following APCD's submitted on July 30, 1981 by the Governor's designee.

(i) Bay Area AQMD.

(A) Regulation 8, Rule 1 (Paragraph 202) and Rule 16 (Paragraph 110).

(ii) Kern County APCD.

(A) New or amended rules 603, 609, 610, 611, and 613.

(102) Revised rules for the following APCDs submitted on July 14, 1981 by the Governor's designee.

(i) San Joaquin County.

(A) New rules 409.5 and 409.6.

(ii) Stanislaus County.

(A) New rule 409.6.

(B) New or amended Rules 409.7 and 409.8.

(iii) Merced County APCD.

(A) New or amended Rules 409.6.

(103) Revised rules for the following APCDs, submitted on October 23, 1981 by the Governor's designee.

(i) Kings County.

(A) Amended rule 412.2.

(ii) San Diego County APCD.

(A) New or amended Rule 67.4 and 67.6.

(iii) Santa Barbara County APCD.

(A) Rule 325.

(B) New or amended rules 601-608 and 609.

(C) Previously approved and now deleted rules 609 (Scientific Committee) and 610 (Emergency Action Committee).

(iv) Ventura County APCD.

(A) Amended Rule 70(E).

(B) New or amended Rules 2, 12, 16, 23, 41, 42, and 74.2.

(v) Sacramento County APCD.

(A) Amended Rule 20.

(B) New or amended Rules 50, 70, and 14.

(vi) Del Norte County APCD.

(A) Amended Rules 300 and 310.

(vii) Humboldt County APCD.

(A) Amended Rules 300 and 310.

(viii) Mendocino County APCD.

(A) Amended Rules 300 and 310.

(ix) Northern Sonoma County APCD.

(A) Amended Rules 300 and 310.

(x) Trinity County APCD.

(A) Amended Rules 300 and 310.

(xi) Great Basin Unified APCD.

(A) Amended Rule 301.

(xii) San Luis Obispo County APCD.

(A) New or amended Rules 301, 302, and 411.

(xiii) El Dorado County APCD (Mountain Counties Air Basin).

(A) New or amended Rules 301-319, 501, 703, and 710.

(xiv) Imperial County APCD.

(A) New or amended Rules 101, 301, 302, 305-307.

(xv) Shasta County APCD.

(A) Amended Rule 2:11.

(xvi) Monterey Bay Unified APCD.

(A) Amended Rules 301, 601, and 602.

(xvii) Tuolumne County APCD.

(A) New or amended Rules 203, 301-319, 501-521, 703, and 710.

(104) Revised regulations for the following APCD's submitted on November 5, 1981 by the Governor's designee.

(i) Bay Area AQMD.

(A) Regulation 2, Rule 1: 2-1-101, 2-1-102, 2-1-111, 2-1-112, 2-1-201 to 2-1-205, 2-1-301 to 2-1-306, 2-1-401 to 2-1-410, and 2-1-420 to 2-1-423; Rule 2: 2-2-101 to 2-2-114, 2-2-201 to 2-2-208, 2-2-301 to 2-2-306, 2-2-310, and 2-2-401 to 2-2-410.

(105) Schedule to study Nontraditional Total Suspended Particulate Sources and commitment to implement control measures necessary to provide for attainment, submitted on November 18, 1981 by the Governor's designee.

(106) The *Southeast Desert Air Basin Control Strategy* for ozone (Chapter 19 of the Comprehensive Revisions to the State of California Implementation Plan for the Attainment and Maintenance of the Ambient Air Quality Standards) was submitted by the Governor's designee on February 15, 1980. The portions of the *Southeast Desert Air Basin Control Strategy* identified in Table 19-1 (Summary of Plan Compliance with Clean Air Act Requirements), except those which pertain to Imperial County, comprise the plan. The remaining portions are for informational purposes only.

(107) On August 11, 1980, the Governor's designee submitted a revision to the State Implementation Plan which adds the Southeast Desert Air Basin portion of Riverside County into the South Coast Air Quality Management District.

(108) On November 28, 1980, the Governor's designee submitted a revision to the State Implementation Plan which deletes Rule 67, for the San Bernardino County APCD as applied to new sources.

(109) Three items submitted for Fresno County and the Sacramento Metropolitan Area by the Governor's designee on October 9, 1980:

(i) *Air Quality Planning Addendum-Council of Fresno County Governments 1979-84 Overall Work Program.*

(ii) *Emission Inventory, 1976* for the Sacramento Metropolitan Area.

(iii) *Air Quality Plan Technical Appendix, January 1979* for the Sacramento Metropolitan Area.

(110) Five items submitted for Ventura County by the Governor's designee on April 1, 1980:

(i) *Appendix B-81, Empirical Kinetic Modeling Approach*: Ozone Formation, Transport, and Concentration Relationships in Ventura County; Update of Emission Reduction Required for Attainment of Ozone NAAQS.

(ii) *Letter*: Jan Bush to Mike Redemer, January 23, 1981.

(iii) *Letter and enclosures*: Janet Lyders to Mike Scheible, February 6, 1981.

(iv) *Letter and enclosures*: Jan Bush to William Lockett, December 15, 1980.

(v) *Letter and enclosures*: Jan Bush to William Lockett, October 23, 1980.

(111) Four items submitted for Ventura County by the Governor's designee on July 16, 1981:

(i) Attachment V—Transportation Control Measures.

(ii) Ventura Air Quality Management Plan, Appendix O, *Plan for Attainment of Standards for Total Suspended Particulates In Ventura County: Interim Report*, July, 1980.

(iii) Attachment IV—Population Forecasts.

(iv) Attachment VI—Implementation of Emission Reductions Required for Attainment of TSP Standards.

(112) Plan for Attainment of the Federal Secondary Total Suspended Particulate Standard in Santa Clara County, an addendum to the San Francisco Bay Area Air Basin Control Strategy (Chapter 15) submitted on March 16, 1981, by the Governor's designee.

(113) Supplemental material for the San Diego Nonattainment Area Plan submitted on July 13, 1981, by the Governor's designee.

(114) Supplemental material for the San Diego Nonattainment Area Plan submitted on August 31, 1981, by the Governor's designee.

(115) Supplemental material for the San Diego Nonattainment Area Plan submitted on December 8, 1981, by the Governor's designee.

(116) Supplemental material for the South Coast Nonattainment Area Plan submitted on July 24, 1981, by the Governor's designee.

(117) Supplemental material for the South Coast Nonattainment Area Plan submitted on December 24, 1981, by the Governor's designee.

(118) Supplemental material for the South Coast Nonattainment Area Plan submitted on February 18, 1982, by the Governor's designee.

(119) Revised regulations for the following APCDs submitted on April 17, 1980, by the Governor's designee.

(i) El Dorado County APCD (Mountain Counties Air Basin).

(A) New or amended Rules 502-520.

(ii) Mendocino County APCD.

(A) New or amended Rules 130, 200, 210, 220, 230, 240, 250, and 260.

(121)(i)—(ii) [Reserved]

(iii) Lake County APCD.

(A) New or amended Rule 655.

(Secs. 107, 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7429, 7501-7508 and 7601(a))

[37 FR 10850, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.220, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTES:

1. At 47 FR 23160, May 27, 1982, paragraphs (c)(51)(xiv)(B), (52)(xviii)(B), (54)(ii)(B) and (viii)(B), (70)(iv), (86)(ii), (87)(viii), (103) (xiii) through (xviii) and (119) were added to § 52.220, effective July 26, 1982.

2. At 47 FR 24307, June 4, 1982, paragraphs (c)(52)(xvii), (85)(iv), (100), and (103)(ii) were added to § 52.220, and § 52.220(64)(i)(A) was corrected, effective July 6, 1982.

3. At 47 FR 26381, June 18, 1982, paragraphs (c)(52) (xiii)(D) and (xxi), (54)(iv)(C), (x) through (xii), (58) (iii)(B) and (ix), (80)(i)(C), (93) (iii)(B) and (iv)(B), (95)(vi), (119)(ii), and (121)(iii) were added to § 52.220, effective August 17, 1982.

4. At 47 FR 26385, June 18, 1982, paragraphs (50)(vi)(B), (51) (viii)(C), (ix)(C), and (x)(C), (52) (iv)(C), (v)(C), (vi)(C), and (vii)(C), (85) (i)(C), (ii)(B), and (ix)(A), (87)(iii)(B), (88) (i)(C), and (v)(B), (93) (i)(B), and (v), (95)(v)(B), and (102) (ii)(B) and (iii) were added to § 52.220, effective August 17, 1982.

5. At 47 FR 26390, June 18, 1982, paragraphs (c)(50)(ix)(B), (51)(xx), (52)(xx), (54)(i)(C), (56)(ii)(B), (58)(viii), (79)(iii)(B), (85)(vii), (87) (vi) and (vii), (95)(ii)(B), and (103) (iv)(B), (v)(B) and (xii) were added to § 52.220, effective August 17, 1982.

6. At 47 FR 26619, June 21, 1982, paragraphs (c)(67)(iv)(B), (92)(v), (94)(iii), (101)(ii), and (103) (iii)(B) and (C) were added to § 52.220, effective August 20, 1982.

7. At 47 FR 28375, June 30, 1982, paragraph (c)(78)(ii) was added to § 52.220, effective July 30, 1982.

§ 52.221 Classification of regions.

The California plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
North Coast Intrastate	II	III	III	III	III
San Francisco Bay Area Intrastate	II	II	III	I	I
North Central Coast Intrastate	II	III	III	III	I
South Central Coast Intrastate	III	III	III	III	III
Metropolitan Los Angeles Intrastate	I	II	I	I	I
Northeast Plateau Intrastate	III	III	III	III	III
Sacramento Valley Intrastate	II	III	III	I	I
San Joaquin Valley Intrastate	I	III	III	I	I
Great Basin Valley Intrastate	III	III	III	III	III
Southeast Desert Intrastate	I	III	III	III	I
San Diego Intrastate	II	III	III	I	I
Lake County Intrastate	II	III	III	III	III
Lake Tahoe Intrastate	II	III	III	I	I
Mountain Counties Intrastate	II	III	III	I	I

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a)))

[37 FR 10850, May 31, 1972, as amended at 39 FR 16346, May 8, 1974; 46 FR 3884, Jan. 16, 1981]

§ 52.222 Extensions.

(a) The Administrator hereby extends for 18 months the statutory timetable for submittal of the plan for attainment and maintenance of the secondary standards for particulate matter in the Metropolitan Los Angeles Intrastate Region.

(b) The Administrator hereby extends to December 31, 1982 certain attainment dates for the national standards for carbon monoxide (CO), ozone (O_3), total suspended particulates (TSP), nitrogen dioxide (NO_2), and/or sulfur dioxide (SO_2) in the following nonattainment areas:

(1) Imperial County for O_3.

(2) South Coast Air Basin for NO_2 and particulate matter (PM).

(3) San Diego Air Basin for TSP and NO_2.

(4) Kern County nonattainment area for ozone, CO, SO_2, and PM.

(5) San Joaquin Valley Air Basin.

(i) Kings County APCD for O_3 and TSP.

(ii) Madera County APCD for O_3 and TSP.

(iii) Merced County APCD for O_3 and TSP.

(iv) San Joaquin County APCD for TSP.

(v) Stanislaus County APCD for CO, O_3 and TSP.

(vi) Tulare County APCD for O_3 and TSP.

(6) South Central Coast Air Basin.

(i) Santa Barbara County nonattainment areas for TSP, O_3 and CO.

(c) [Reserved]

(d) The Administrator hereby extends to December 31, 1987 certain attainment dates for the National Standards for ozone and CO in the following nonattainment areas:

(1) North Central Coast Air Basin for ozone.

(2) Lake Tahoe Basin for CO.

(3)(i) [Reserved]

(ii) Ventura County for O_3.

(4) San Joaquin Valley Air Basin.

(i) San Joaquin County for CO and O_3.

(ii) Fresno County for O_3 and CO.

(A) Fresno-Clovis Metropolitan Area for CO.

(5) Sacramento Valley Air Basin.

(i) Sacramento Metropolitan Area for O_3.

(ii) Sacramento County for CO.

(6) Southeast Desert Air Basin.

(i) Riverside County for Ozone.

(ii) Los Angeles County for Ozone.

(iii) San Bernardino County for Ozone.

(Sec. 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501-7508 and 7601(a)))

[37 FR 10850, May 31, 1972, as amended at 38 FR 31244, Nov. 12, 1973; 45 FR 74484, Nov. 10, 1980; 45 FR 80285, Dec. 4, 1980; 46 FR 5978, Jan. 21, 1981; 46 FR 21757, Apr. 14, 1981; 46 FR 42460, Aug. 21, 1981; 47 FR 19331, May 5, 1982; 47 FR 19697, May 7, 1982; 47 FR 25015, June 9, 1982; 47 FR 27069, June 23, 1982; 47 FR 28621, July 1, 1982]

§ 52.223 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves California's plan for the attainment and maintenance of the national standards under section 110 of the Clean Air Act.

(b) With the exceptions set forth in this subpart, the Administrator approves the plan with respect to Part D, Title I of the Clean Air Act, as amended in 1977, for the nonattainment areas listed in this paragraph. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the State Implementation Plan (SIP) depends on the adoption and submittal of reasonably available control technology (RACT) requirements by July 1, 1980 for sources covered by Control Technique Guidelines (CTGs) issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(1) Imperial County for O_3.

(2) North Central Coast Air Basin for O_3.

(3) South Coast Air Basin for NO_2 and PM.

(4) San Diego Air Basin for TSP and NO_2.

(5) San Joaquin Valley Air Basin.

(i) Kern County nonattainment area for ozone, CO, SO_2, and PM.

(ii) Kings County for O_3 and TSP.

(iii) Madera County for O_3 and TSP.

(iv) Merced County for O_3 and TSP.

(v) San Joaquin County for CO, O_3 and TSP.

(vi) Stanislaus County for CO, O_3 and TSP.

(vii) Tulare County for O_3 and TSP.

(viii) Fresno County for TSP.

(6) South Central Coast Air Basin.

(i) Santa Barbara County nonattainment area for O_3, CO and TSP.

(ii) Ventura County for TSP.

(7) Sacramento Valley Air Basin.

(i) Butte County for O_3 and CO.

(ii) Sutter County for O_3.

(iii) Yuba County for O_3.

(8) Southeast Desert Air Basin.

(i) Los Angeles County for Ozone.

(ii) San Bernardino County for Ozone.

(iii) Riverside County for Ozone.

(9) San Francisco Bay Area Air Basin for TSP.

(c) The Administrator finds that the plan does not satisfy all the requirements of Part D, Title I of the Clean Air Act as amended in 1977, for the nonattainment areas listed in this paragraph.

(1) South Coast Air Basin for ozone and CO.

(2) San Francisco Bay Area Air Basin for ozone and CO.

(d) With the exceptions set forth in this subpart, the Administrator approves the plan with respect to Part D, Title I of the Clean Air Act, as amended in 1977, for the nonattainment areas listed in this paragraph.

(1) Lake Tahoe Basin for CO.

(Sec. 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501-7508 and 7601(a)))

[45 FR 74484, Nov. 11, 1980, as amended at 45 FR 80285, Dec. 4, 1980; 46 FR 5978, Jan. 21, 1981; 46 FR 21757, Apr. 14, 1981; 46 FR 42460, Aug. 21, 1981; 47 FR 11869, Mar. 19, 1982; 47 FR 13141, Mar. 29, 1982; 47 FR 18856, May 3, 1982; 47 FR 19331, May 5, 1982; 47 FR 19697, May 7, 1982; 47 FR 25015, June 9, 1982; 47 FR 27069, June 23, 1982; 47 FR 28621, July 1, 1982]

§ 52.224 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met except in certain Air Pollution Control Districts (APCD) as indicated in this paragraph since the plan does not provide procedures by which emission data, as correlated with applicable emission limitations, will be made available to the public.

(1) The following APCD's meet the requirements of § 51.10(e) of this chapter:

(i) Siskiyou County APCD.

(ii) San Diego County APCD.

(iii) Great Basin Unified APCD.

(iv) Del Norte County APCD.

(v) Humboldt County APCD.

(vi) Mendocino County APCD.

(vii) Northern Sonoma County APCD.

(viii) Trinity County APCD.

(ix) Amador County APCD.

(2) The following APCD's do not provide for the correlation of emission data with applicable emission limitations as required by § 51.10(e) of this chapter. In these APCD's, only the requirements of § 52.224(b)(4) are in effect:

(i) Merced County APCD.

(ii) Stanislaus County APCD.

(iii) Fresno County APCD.

(iv) Calaveras County APCD.

(v) Tuolumne County APCD.

(vi) San Joaquin County APCD.

(vii) Mariposa County APCD.

(viii) Tulare County APCD.

(ix) Kern County APCD.

(x) Madera County APCD.

(xi) Yolo-Solano APCD.

(xii) Sutter County APCD.

(xiii) Glenn County APCD.

(xiv) Tehama County APCD.

(xv) Sierra County APCD.

(xvi) Shasta County APCD.

(xvii) Sacramento County APCD.

(xviii) [Reserved]

(xix) [Reserved]

(xx) Lake County APCD.

(xxi) Imperial County APCD.

(xxii) [Reserved]

(xxiii) Ventura County APCD.

(xxiv) Monterey Bay Unified APCD.

(xxv) [Reserved]

(xxvi) San Luis Obispo County APCD.

(xxvii) Kings County APCD.

(xxviii) Plumas County APCD.

(xxix) Nevada County APCD.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, except for those APCD's specified in paragraph (a) of this section, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

(c) The deletion of the following rules or portions of rules is disapproved, since these regulations are necessary to fulfill the requirements of 40 CFR 51.10(e).

(1) Northcoast intrastate region:

(i) Lake County APCD.

(A) Section 49a, *Public Records*, and Section 49b, *Record*, of Part III, *Definitions;* and Part II, *Authorization and Disclosure*, submitted on October 23, 1974 and previously approved under 40 CFR 52.223, are retained.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a)))

[40 FR 55328, Nov. 28, 1975]

EDITORIAL NOTE: For Federal Register citations to § 52.224, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.225 Legal authority.

(a) The requirements of § 51.11(a)(3) of this chapter are not met since the State Emergency Services Act does not apply to air pollution emergencies in a manner comparable to section 303 of the Clean Air Act, as amended.

(b) The requirements of § 51.11(a)(6) of this chapter are not met since authority to make emission data available to the public inadequate. Such release is precluded under certain circumstances.

[37 FR 10852, May 31, 1972]

§ 52.226 Control strategy and regulations: Particulate matter, San Joaquin Valley and Mountain Counties Intrastate Regions.

(a) [Reserved]

(b) The following regulatory changes represent a relaxation of previously submitted regulations and an adequate control strategy has not been submitted showing that the relaxation will not interfere with attainment and maintenance of the National Ambient Air Quality Standards for particulate matter:

(1) Kings County APCD.

(i) Rule 405, Process Weight, submitted on July 25, 1973 is disapproved; and Rule 405, submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(ii) Rule 407.1, *Disposal of Solid and Liquid Wastes*, submitted on November 4, 1977, is disapproved; and Rule 407.1, *Disposal of Solid and Liquid*

Wastes, submitted on June 30, 1972, and previously approved under 40 CFR 52.223 is retained.

(2) Calaveras County APCD.

(i) The revocation of Rule 407(b), Combustion Contaminants, is disapproved; and Rule 407(b), submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(ii) The revocation of Rule 408, Fuel Burning Equipment, is disapproved; and Rule 408, submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(iii) The addition of Rule 209, Fossil Fuel-Steam Generator Facility, is disapproved; and Rule 408, submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(3) Tuolumne County APCD.

(i) Rule 207, Particulate Matter, submitted on July 22, 1975 is disapproved; and Rules 404 and 407(b), submitted on June 30, 1972 and previously approved in 40 CFR 52.223 are retained.

(ii) Rule 209, Fossil Fuel-Steam Generator Facility, submitted on July 22, 1975 is disapproved; and Rule 408, submitted on June 30, 1972, and previously approved in 40 CFR 52.223 is retained.

(iii) Rule 207, *Particulate Matter,* submitted on February 10, 1977, is disapproved and the previously approved Rules 404 and 407(b), submitted on June 30, 1972, remain in effect.

(iv) Rule 209, *Fossil Fuel-Steam Generator Facility,* submitted on February 10, 1977, is disapproved and the previously approved Rule 408, submitted on June 30, 1972, remains in effect.

(4) Fresno County APCD.

(i) Rule 407, Disposal of Solid or Liquid Wastes, submitted on February 10, 1976 is disapproved; and Rule 407.1, submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(ii) Rule 407, Disposal of Solid or Liquid Wastes, submitted on November 10, 1976, is disapproved; and Rule 407.1, submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(5) San Joaquin County APCD.

(i) Rule 407.1, Disposal of Solid or Liquid Wastes, submitted on February 10, 1976 is disapproved; and Rule 407.1, submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(6) Mariposa County APCD.

(i) Rule 209, Fossil Fuel-Steam Generator Facility, submitted on January 10, 1975 is disapproved; and Rule 6.4, submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(7) Kern County APCD.

(i) Rule 407.1, Disposal of Solid or Liquid Wastes, submitted on July 22, 1975 is disapproved; and Rule 407.1, submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(8) Madera County APCD.

(i) Rule 405, Process Weight, submitted on January 10, 1975 is disapproved; and Rule 405, submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(9) Tulare County APCD.

(i) Paragraph b. of rule 407.1.

(10) Merced County APCD.

(i) Rule 407.1, Disposal of Solid or Liquid Wastes, submitted on August 2, 1976 is disapproved; and Rule 407.1 submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a)))

[37 FR 10850, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.226, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.227 Control strategy and regulations: Particulate matter, Metropolitan Los Angeles Intrastate Region.

(a) The requirements of § 51.13 of this chapter are not met since the plan does not provide for attainment and maintenance of the secondary standards for particulate matter in the Metropolitan Los Angeles Intrastate Region.

(b) The following regulations are disapproved since they are not part of the approved control strategy and do not provide for the degree of control needed for the attainment and maintenance of the primary standards for particulate matter in the Metropolitan Los Angeles Intrastate Region.

(1) Los Angeles County Air Pollution Control District:

(i) Regulation IV, Rule 68.1.

(2) Riverside County Air Pollution Control District:

(i) Regulation IV, Rule 54 for process sources with a process weight rate in excess of 62,000 lbs. per hour. Rule 54 is approved for process sources with a process weight of 62,000 lbs. per hour or less.

(3) Southern California APCD:

(i) Regulation IV, Rule 404 Particulate Matter—Concentration, submitted on August 2, 1976.

(ii) Regulation IV, Rule 473 Disposal of Solid and Liquid Wastes, submitted on August 2, 1976.

(c) The rescission by the Southern California APCD of the following rules, which were previously approved in the May 31, 1972 (37 FR 10850) and September 22, 1972 (37 FR 19813) FEDERAL REGISTER issues, is disapproved since adequate replacement rules have not been submitted and no analysis has been presented to show that this rescission will not interfere with the attainment and maintenance of the NAAQS for particulate matter as required by section 110 of the Clean Air Act. In addition, the following rules, as submitted in June 1972 and approved for the SIP, remain federally enforceable:

(1) Los Angeles County APCD.

(i) Regulation IV, Rule 52 Particulate Matter—Concentration.

(ii) Regulation IV, Rule 58 Disposal of Solid and Liquid Wastes.

(2) San Bernardino County APCD.

(i) Regulation IV, Rule 52A Particulate Matter—Concentration.

(ii) Regulation IV, Rule 58A Disposal of Solid and Liquid Wastes.

(3) Riverside County APCD.

(i) Regulation IV, Rule 52 Particulate Matter—Concentration.

(ii) Regulation IV, Rule 58 Disposal of Solid and Liquid Wastes.

(4) Orange County APCD.

(i) Regulation IV, Rule 52 Particulate Matter—Concentration.

(ii) Regulation IV, Rule 58 Disposal of Solid and Liquid Wastes.

[37 FR 10850, May 31, 1972, as amended at 37 FR 19813, Sept. 22, 1972; 43 FR 25687, June 14, 1978]

§ 52.228 Regulations: Particulate matter, Southeast Desert Intrastate Region.

(a) The following regulations are disapproved since they are not part of the approved control strategy and do not provide for the degree of control needed for the attainment and maintenance of the national standards for particulate matter in the Southeast Desert Intrastate Region.

(1) Imperial County Air Pollution Control District:

(i) Rule 114A.

(ii) Rule 116B.

(2) Los Angeles County Air Pollution Control District:

(i) Regulation IV, Rule 68.1.

(3) Riverside County Air Pollution Control District:

(i) Regulation IV, Rule 54 for process sources with a process weight rate in excess of 160,000 lbs. per hour. Rule 54 is approved for process sources with a process weight of 160,000 lbs. per hour or less.

(b) The following regulatory changes represent a relaxation of previously submitted regulations, and an adequate control strategy has not been submitted showing that the relaxation will not interfere with the attainment and maintenance of the national ambient air quality standards for particulate matter:

(1) Southeast Desert Intrastate Region:

(i) Imperial County APCD.

(A) Rule 406, Disposal of Solid and Liquid Wastes submitted on November 4, 1977 is disapproved; and Rule 116 C, Specific Contaminants submitted on June 30, 1972 and previously approved under 40 CFR 52.223 is retained.

(ii) Los Angeles County Air Pollution Control District.

(A) Regulation IV, Rule 404 Particulate Matter-Concentration, and rule 473, Disposal of Solid and Liquid Wastes, submitted on June 6, 1977 are disapproved. Rules 52 and 58, titled as above, respectively, and submitted on June 30, 1972 and previously approved under 40 CFR 52.223 are retained.

(iii) Riverside County Air Pollution Control District.

(A) Regulation IV, rules 404 Particulate Matter-Concentration, 405 Particulate Matter-Weight, and Rule 473, Disposal of Solid and Liquid Wastes, submitted on June 6, 1977 are disapproved. Rules 52, Particulate Matter-Weight, 54, Dust and Fumes, and 58, Disposal of Solid and Liquid Wastes, submitted in 1972 and approved under 40 CFR 52.223, are retained.

(iv) The repeal of San Bernardino County APCD Regulation VI, Orchard or Citrus Grove Heaters, submitted on June 6, 1977, is disapproved. This regulation (comprised of rules 101 to 104, 109, 110, 120, and 130 to 137), submitted on February 21, 1972 and approved under 40 CFR 52.223, is retained as part of the SIP.

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410, 7601(a)))

[37 FR 10850, May 31, 1972, as amended at 37 FR 19813, Sept. 22, 1972; 43 FR 35695, Aug. 11, 1978; 43 FR 40014, Sept. 8, 1978]

§ 52.229 Control strategy and regulations: Photochemical oxidants (hydrocarbons), Metropolitan Los Angeles Intrastate Region.

(a) [Reserved]

(b) The following rules are disapproved because they would result in a relaxation of control requirements contained in the presently approved State Implementation Plan, and no analysis has been presented to show that this relaxation will not interfere with the attainment and maintenance of NAAQS for photochemical oxidants (hydrocarbons) as required by section 110 of the Clean Air Act.

(1) Southern California APCD.

(i) Regulation IV, Rule 465 Vacuum Producing Devices or Systems, submitted on August 2, 1976.

(2) South Coast Air Quality Management District.

(i) Regulation IV, rule 461 Gasoline Transfer and Dispensing, submitted on June 6, 1977. The version of this rule by the same number and title submitted on April 21, 1976 and approved under 40 CFR 52.223 is retained.

(c) The rescission by the Southern California APCD of the following rules, which were previously approved in the September 22, 1972 (37 FR 19813) Federal Register issue, is disapproved since adequate replacement rules have not been submitted and no analysis has been presented to show that this rescission will not interfere with the attainment and maintenance of the NAAQS for photochemical oxidants (hydrocarbons) as required by section 110 of the Clean Air Act. In addition, the following rules, as submitted in June 1972 and approved for the SIP, remain federally enforceable:

(1) Los Angeles County APCD, Regulation IV, Rule 69, Vacuum Producing Devices or Systems.

(2) San Bernardino County APCD, Regulation IV, Rule 69, Vacuum Producing Devices or Systems.

(3) Riverside County APCD, Regulation IV, Rule 74, Vacuum Producing Devices or Systems.

(4) Orange County APCD, Regulation IV, Rule 69, Vacuum Producing Devices or Systems.

(Secs. 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501-7508, and 7601(a)))

[37 FR 10850, May 31, 1972, as amended at 43 FR 25687, June 14, 1978; 43 FR 40014, Sept. 8, 1978; 46 FR 5978, Jan. 21, 1981]

§ 52.230 Control strategy and regulations: Nitrogen dioxide.

(a) The requirements of § 51.14(c)(3) of this chapter are not met since the plan does not provide for the degree of nitrogen oxides emission reduction attainable through application of reasonably available control technology in the Metropolitan Los Angeles Intrastate Region. Therefore, Rule 68.b of the Orange County Air Pollution Control District is disapproved.

(b) The following rules are disapproved since they are not part of the approved control strategy and do not provide for the degree of control necessary for the attainment and maintenance of NAAQS for nitrogen dioxide in the Metropolitan Los Angeles Intrastate AQCR:

(1) Orange County APCD, Regulation IV, Rule 474, Fuel Burning Equipment—Oxides of Nitrogen, submitted on February 10, 1977.

(c) The rescission by the Southern California APCD of the following rules is disapproved since adequate replacement rules have not been submitted and no analysis has been presented to show that this rescission will not interfere with the attainment and maintenance of the National Ambient Air Quality Standards as required by section 110 of the Clean Air Act. In addition, the following rules, as submitted in June 1972 and approved for the SIP, remain federally enforceable:

(1) Orange County APCD, Regulation IV, Rule 68, Fuel Burning Equipment—NOx.

(2) Orange County APCD, Regulation IV, Rule 67.1, Fuel Burning Equipment.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a)))

[43 FR 25687, June 14, 1978, as amended at 46 FR 3884, Jan. 16, 1981]

§ 52.231 Regulations: Sulfur oxides.

(a) [Reserved]

(b) The deletion of the following rules or portions of rules is disapproved, since an adequate control strategy demonstration has not been submitted indicating that the deletions of the control requirements contained in those rules would not interfere with the attainment or maintenance of the National Ambient Air Quality Standard for Sulfur Oxides.

(1) Lake County Intrastate Region.

(i) Lake County, APCD.

(A) Section 3(F), *Sulfur* of Part V, *Prohibitions and Standards,* submitted on October 23, 1974 and previously approved under 40 CFR 52.223, is retained as applicable to sources other than sulfur recovery units.

(Secs. 107, 110, 129, 171-178, 310(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7429, 7501-7508, and 7601(a)))

[43 FR 34464, 34466, Aug. 4, 1978, as amended at 46 FR 3884, Jan. 16, 1981; 46 FR 42461, Aug. 21, 1981]

§ 52.232 Part D conditional approval.

(a) The following portions of the California SIP contain deficiencies with respect to Part D of the Clean Air Act which must be corrected by meeting the indicated conditions of Part D plan approval.

(1) Imperial County for ozone.

(i) By May 7, 1981, the NSR rules must be revised and submitted as an SIP revision. The rules must satisfy Section 173 and 40 CFR 51.18, "Review of new sources and modifications." In revising the Imperial County APCD's NSR rules, the State/APCD must address (*1*) any new requirements in EPA's amended regulations for NSR under Section 173 of the Clean Air Act (August 7, 1980, 45 FR 52676) which the APCD rules do not now satisfy and (*2*) those deficiencies cited in EPA's Evaluation Report Addendum (contained in Document File NAP-CA-06 at the EPA Library in Washington, D.C. and the Region IX office).

(ii) By January 1, 1981, a cutback asphalt rule which reflects reasonably available control technology (RACT) must be submitted as an SIP revision.

(2) North Central Coast Air Basin for ozone.

(i) By May 7, 1981, the NSR rules must be revised and submitted as an SIP revision. The rules must satisfy Section 173 and 40 CFR 51.18, "Review of new sources and modifications." In revising the Monterey Bay Unified APCD's NSR rules, the State/APCD must address (*a*) any new requirements in EPA's amended regulations for NSR under Section 173 of the Clean Air Act (August 7, 1980, 45 FR 52676) which the APCD rules do not now satisfy and (*b*) those deficiencies with respect to the September 5, 1979 notice cited in EPA's Evaluation Report Addendum (contained in Document File NAP-CA-14 at the EPA Library in Washington, D.C. and the Region IX office).

(ii) By March 4, 1981, one of the following must be submitted as an SIP revision: (*a*) Adequate justification that the cutback asphalt rule represents RACT, (*b*) amendment of the cutback asphalt rule to conform with the controls recommended in the CTG document for cutback asphalt, or (*c*) adequate documentation that the cutback asphalt rule will result in emission reductions which are within 5 percent of the reductions achievable with the controls recommended in the cutback asphalt CTG document.

(3) South Coast Air Basin.

(i)(A) By May 7, 1981, the NSR rules must be revised and submitted as an SIP revision. The rules must satisfy Section 173 of the Clean Air Act and 40 CFR 51.18, "Review of new sources and modifications." In revising the

South Coast AQMD's NSR rules, the State/AQMD must address (*1*) any new requirements in EPA's amended regulations for NSR (45 FR 31307, May 13, 1980 and 45 FR 52676, August 7, 1980) which the AQMD rules do not currently satisfy and (*2*) those deficiencies cited in EPA's Evaluation Report Addendum which still apply despite EPA's new NSR requirements (contained in Document File NAP-CA-9 at the EPA Library in Washington, D.C. and the Regional Office).

(4) San Diego Air Basin.

(i) For ozone, CO, TSP, and NO_2:

(A) By May 7, 1981, the NSR rules submitted on March 17, 1980 must be revised and submitted as an SIP revision. In revising the NSR rules, the State/APCD must address (1) any new requirements in EPA's amended regulations for NSR under Section 173 of the Clean Air Act (May 13, 1980, 45 FR 31307; and August 7, 1980, 45 FR 52676) which the APCD rules do not currently satisfy and (2) the deficiencies cited in EPA's *Evaluation Report Addendum* which still apply despite EPA's new NSR requirements. The *Evaluation Report Addendum* is contained in document file NAP-CA-19 and available at the EPA Region IX Office and the EPA Library in Washington, D.C.

(ii)-(iv) [Reserved]

(v) For ozone:

(A) By September 2, 1982, the State must provide either (*1*) an adequate demonstration that Rule 67.3 represents RACT, or

(*2*) Amend the rule so it is consistent with the CTG, or

(*3*) Demonstrate that the rule will result in VOC emission reductions which are within five percent of the reductions which would be achieved through the implementation of the CTG recommendations.

(5) The Kern County APCD.

(i) For ozone, CO, PM and SO_2:

(A) By November 19, 1981, the NSR rules must be revised and submitted as an SIP revision. The rules must satisfy section 173 of the Clean Air Act and 40 CFR 51.18, "Review of new sources and modification." In revising Kern County's NSR rules, the State/APCD must address all the requirements in EPA's amended regulations for NSR (45 FR 31307, May 13, 1980 and 45 FR 52676, August 7, 1980) which the APCD rules do not currently satisfy including those deficiencies cited in EPA's Evaluation Report Addendum which still apply despite EPA's new NSR requirements (contained in Document File NAP-CA-07 at the EPA Library in Washington, D.C. and the Regional Office).

(ii) For ozone, CO, PM, and SO_2:

(A) By October 1, 1981, a commitment to submit annual implementing agency fiscal and personnel commitments to implement the NAP for the Kern County nonattainment area.

(iii) For ozone:

(A) By October 1, 1981, emission estimates and adequate documentation of base year and projected emissions from tertiary oil production operations for VOC emission sources.

(B) By October 1, 1981, a revised emission reduction estimate for each year for control tactic SSI, "Steam Drive Controls" which is based upon the refined emission inventory estimates.

(C) By October 1, 1981, a revised control strategy demonstrating attainment of the ozone NAAQS by December 31, 1982.

(D) By October 1, 1981, a revised demonstration of RFP.

(E) By October 1, 1981, the State must provide an adequate demonstration that the following regulations represent RACT, amend the regulations so that they are consistent with the CTGs, or demonstrate that the regulations will result in VOC emission reductions which are within five percent of the reductions which would be achieved through the implementation of the CTG recommendations:

Rule 414 "Effluent Oil Water Separators"

Rule 410.5 "Cutback Asphalt Paving Materials"

Rule 411 "Storage of Petroleum Distillates or Light Crude Oil"

Rule 410.3 "Volatile Organic Compound Emissions From Degreasing Operations Which Use Organic Solvents Exempted From Rule 410"

(F) By October 1, 1981, written evidence of local adoption of legally enforceable commitments, implementation schedules, and monitoring procedures for transit improvement consistent with reasonable further progress for the transportation control measures.

(iv) For CO:

(A) By October 1, 1981, further documentation of the emission reduction estimates for each year for emissions from petroleum refineries.

(B) By October 1, 1981, a revised control strategy demonstrating attainment of the CO NAAQS by December 31, 1982.

(C) By October 1, 1981, written evidence of local adoption of legally enforceable commitments, implementation schedules, and monitoring procedures for transit improvement consistent with reasonable further progress for the transportation control measures.

(D) By October 1, 1981, legally adopted control measures that replace I/M.

(v) For SO_2:

(A) By October 1, 1981, the results of an air quality analysis giving the quantification of the total emission reductions needed to attain the SO_2 NAAQS.

(B) By October 1, 1981, revised emission reduction estimates for each year for Rule 424, "Control of Sulfur Compounds from Oil Field Steam Generators" which take into account the cogeneration exemption.

(C) By October 1, 1981, a revised control strategy demonstrating attainment of the SO_2 NAAQS for Kern County.

(D) By October 1, 1981, a revised demonstration of RFP.

(E) By October 1, 1981, evidence that the emissions growth increment is consistent with the revised demonstration of attainment, or a revised growth increment.

(6) The San Joaquin Valley Air Basin Nonattainment Area.

(i) By December 31, 1981, a refined emission inventory which include estimates of emissions from traditional and nontraditional (secondary aerosols and windblown dust) sources for the San Joaquin Valley Air Basin.

(ii) By December 31, 1981, documentation for the PM design value used to determine the allowable PM emission level, and a modeling analysis using the new emissions inventory data which shows the emission reductions necessary to provide for attainment of the PM NAAQS by December 31, 1982.

(iii) By October 1, 1981, a commitment and schedule to study and adopt non-traditional PM control measures, and a commitment to implement those control measures necessary to provide for attainment.

(iv) By October 1, 1981, a commitment to submit annual implementing agency fiscal and personnel commitments to implement the NAP for the San Joaquin Valley Air Basin.

(7) San Francisco Bay Area Air Basin.

(i) For ozone and CO:

(A) By June 17, 1982, submittal of implementation commitments and schedules and additional commitments to provide annually the financial and personnel resources necessary to carry out the plan for transportation sources.

(8) Lake Tahoe Basin.

(i) For CO:

(A) By December 20, 1982, NSR rules for El Dorado and Placer Counties (Tahoe portion) must be revised and submitted as an SIP revision. The rules must satisfy section 173 and 40 CFR 51.18, "Review of new sources and modifications." In revising the counties' NSR rules, the State must address all the requirements in EPA's amended regulations for NSR (45 FR 31307, May 13, 1980 and 45 FR 52676, August 7, 1980) which the counties' rules do not currently satisfy, including those deficiencies cited in EPA's Evaluation Report which still apply despite new EPA NSR requirements (contained in Document File NAP-CA-NV-01 at the EPA Library in Washington, D.C. and the Region 9 Office).

(B) By December 20, 1982, the submittal of the following as SIP revisions.

(*1*) Emission reduction estimates for each adopted control measure or package of control measures.

(*2*) Written evidence that all adopted measures are supported by sufficient implementation commitments or that adopted schedules for obtaining such commitments will ensure that all measures will be implemented consistent with reasonable further progress.

As an alternative, the State may submit equivalent control strategies supported by commitments and full legal adoption.

(*3*) Provide a commitment to submit annual implementing agency fiscal and personnel commitments to implement the Lake Tahoe Basin NAP.

(*4*) Written evidence of commitments by agencies with legal authority to establish, expand, or improve public transportation to meet basic transportation needs.

(*5*) A schedule to analyze alternative packages of transportation control measures, including but not limited to those measures listed in section 108(f)(1)(A) of the Clean Air Act. The State must also submit a commitment to initiate implementation of those measures shown to be reasonably available.

(9) The Santa Barbara County nonattainment areas.

(i) For O_3, TSP, and CO by (90 days from the date of publication of this notice).

(A) The new source review (NSR) rules must be revised to meet the requirements in EPA's amended regulations for NSR under section 173 of the Clean Air Act (45 FR 31307, May 13, 1980 and 45 FR 52676, August 7, 1980) and submitted as an SIP revision.

(ii) For O_3 by (90 days from the date of publication of this notice), a revised cutback asphalt paving materials rule which does not allow for indefinite compliance date extensions and submitted as an SIP revision.

(10) Kings, Madera, Merced, San Joaquin, Stanislaus and Tulare County APCDs.

(i) For O_3 and PM [and CO in San Joaquin and Stanislaus Counties]

(A) By September 7, 1982 the NSR rules must be revised to meet the requirements in EPA's amended regulations for NSR under section 173 of the Clean Air Act (May 13, 1980, 45 FR 31307 and August 7, 1980, 45 FR 52676) as an SIP revision.

(ii) For O_3.

(A) For the APCDs indicated below, by September 7, 1982, the State must either (*1*) Provide an adequate demonstration that the following regulations represent RACT, (*2*) Amend the regulations so that they are consistent with the CTG, or (*3*) Demonstrate that the regulations will result in VOC emission reductions which are within five percent of the reductions which would be achieved through the implementation of the CTG recommendations.

Madera County APCD

Rule 411, "Storage of Petroleum Distillates and Light Crude Oil"

Merced County APCD

Rule 409.3, "Organic Solvent Degreasing Operations"

Stanislaus County APCD

Rule 410, "Storage of Petroleum Products"

Tulare County APCD

Rule 410.3, "Organic Solvent Degreasing Operations"

(iii) For CO and O_3 for San Joaquin County.

(A) By September 7, 1982, implementation commitments and schedules for the adopted transportation control measures.

(11) Fresno County, Sacramento Metropolitan, and Ventura County nonattainment areas.

(i) For ozone, CO (except Ventura County) and PM (except Sacramento County):

(A) By (120 days after publication of this notice) the NSR rules must be revised to meet the requirements in EPA's amended regulations for NSR under section 173 of the Clean Air Act (May 13, 1980 (45 FR 31307)) August 7, 1980 (45 FR 52676), and October 14, 1981 (46 FR 50766).

(ii) For ozone: By (120 days after publication of this notice), the State must provide either (*1*) an adequate demonstration that the following regulations represent RACT, (*2*) amend the regulations so that they are consistent with the CTG, or (*3*) demonstrate that the regulations will result in VOC emission reductions which are within five percent of the reductions which would be achieved through the implementation of the CTG recommendations:

Yolo-Solano County APCD

Rule 2.24, "Solvent Cleaning Operations (Degreasing)".

Ventura County APCD

Rule 74.3, "Fabric and Film Coating".

(iii) For ozone and CO for the Sacramento Metropolitan and Fresno areas:

(A) By October 29, 1982, submit commitments and implementation schedules for the five transportation control measures included in the plans.

(12) Butte, Sutter and Yuba County APCDs.

(i) For Ozone:

(A) By August 2, 1982, the NSR rules for the counties discussed in this notice must be revised to meet the requirements in EPA's amended regulations for NSR under section 173 of the Clean Air Act (May 13, 1980, 45 FR 31307 and August 7, 1980, 45 FR 52676).

(13) Los Angeles, San Bernardino, and Riverside portions of the Southeast Desert Air Basin.

(i) For Ozone:

(A) By August 9, 1982, the new source review rules for the three county areas must be revised to meet the requirements in EPA's amended regulations under section 173 (May 13, 1980, (45 FR 31307), August 7, 1980, (45 FR 52676), and October 14, 1981, (46 FR 50766)).

(B) By August 9, 1982, the State must provide adopted regulations for degreasing operations in the Los Angeles County portion of the SEDAB which represent RACT.

(Sec. 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501-7508 and 7601(a)))

[45 FR 74485, Nov. 10, 1980]

NOTE: For Federal Register citations to § 52.232, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: At 47 FR 24308, June 4, 1982, paragraph (a)(4)(v) was added to § 52.232, effective July 6, 1982.

§ 52.233 Review of new sources and modifications.

(a) The following regulations are disapproved because they are not consistent with Clean Air Act requirements.

(1) Imperial County APCD.

(i) Subparagraph C.5. of Rule 207, *Standards for Permit to Construct*, submitted March 17, 1980.

(2) Monterey Bay Unified APCD.

(i) Subparagraph B.5. of Rule 207, *Standards for Permit to Construct*, submitted March 17, 1980.

(3) South Coast AQMD.

(i) In Rule 1306(a)(i), submitted on April 3, 1980, sentence 3 is disapproved.

(ii) In Rule 1306(d)(1)(B)(ii), submitted on April 3, 1980, the following portion of the rule is disapproved: "Which have occurred during the highest three years of the last five year period, divided by three, provided the applicant demonstrates that such permit units have been operated at least 90 days during each of such three years."

(iii) In Rule 1307(a) submitted on April 3, 1980, the following portion of the rule is disapproved: "Greater than 68 kilograms (150 pounds) per day except carbon monoxide, for which the value is an increase greater than 340 kilograms (750 pounds) per day."

(4) Kern County APCD.

(i) Those portions of paragraph (3)(E) of Rule 210.1, submitted on April 15, 1980, which allow new sources and modifications to be exempt from LAER.

(b) [Reserved]

(c) The requirements of § 51.18 (a) and (c) of this chapter are not met in the following Air Pollution Control Districts since the regulations of the APCD's do not provide the means to prevent construction of sources which would violate applicable portions of the control strategy or would interfere with the attainment or maintenance of a national standard.

(1) Mariposa County APCD.

(2) Santa Barbara County APCD.

(d) The requirements of § 51.18(c) of this chapter are not met in the following Air Pollution Control Districts since the regulations of the APCD's do not include a means to prevent construction or modification if such construction or modification would interfere with the attainment or maintenance of a national standard.

(1) Amador County APCD.

(2) Calaveras County APCD.

(3) El Dorado County APCD (Mountain Counties Intrastate portion).

(4) [Reserved]
(5) Glenn County APCD.
(6) Humboldt County APCD.
(7)-(8) [Reserved]
(9) Lake County APCD.
(10) Lassen County APCD.
(11) [Reserved]
(12) Mendocino County APCD.
(13) [Reserved]
(14) Modoc County APCD.
(15) Monterey Bay Unified APCD.
(16) Nevada County APCD.
(17) Northern Sonoma County APCD.
(18) [Reserved]
(19) Plumas County APCD.
(20) [Reserved]
(21) Shasta County APCD.
(22) Sierra County APCD.
(23) Siskiyou County APCD.
(24) [Reserved]
(25) Sutter County APCD.
(26) [Reserved]
(27) Tuolumne County APCD.

(e) [Reserved]

(f) *Regulation for review of new sources and modifications.* (1) The requirements of this paragraph are applicable to:

(i) Any stationary source in the APCD's listed below, the construction or modification of which is commenced after the effective date of this regulation.

(*a*) Mariposa County APCD.
(*b*) [Reserved]
(*c*) Santa Barbara County APCD.

(ii) Any stationary source subject to the requirements of §§ 52.226(c), 52.227(c), 52.228(b), or 52.230(b), the construction or modification of which is commenced after the effective date of this regulation.

(2) No owner or operator shall commence construction or modification of a stationary source after the effective date of this regulation without first obtaining approval from the Administrator of the location and design of such source.

(i) Application for approval to construct or modify shall be made on forms furnished by the Administrator, or by other means prescribed by the Administrator.

(ii) A separate application is required for each source.

(iii) Each application shall be signed by the applicant.

(iv) Each application shall be accompanied by site information, plans, descriptions, specifications, and drawings showing the design of the source, the nature and amount of emissions, and the manner in which it will be operated and controlled.

(v) Any additional information, plans, specifications, evidence, or documentation that the Administrator may require shall be furnished upon request.

(3) No approval to construct or modify will be granted unless the applicant shows to the satisfaction of the Administrator that:

(i) The source will be operated without causing a violation of any local, State, or Federal regulations which are part of the applicable plan.

(ii) The source will not prevent or interfere with attainment or maintenance of any national standard.

(4) (i) Within twenty (20) days after receipt of an application to construct, or any addition to such application, the Administrator shall advise the owner or operator of any deficiency in the information submitted in support of the application. In the event of such a deficiency, the date of receipt of the application for the purpose of paragraph (f)(4)(ii) of this section, shall be the date on which all required information is received by the Administrator.

(ii) Within thirty (30) days after receipt of a complete application, the Administrator shall:

(*a*) Make a preliminary determination whether the source should be approved, approved with conditions, or disapproved.

(*b*) Make available in at least one location in each region in which the proposed source would be constructed, a copy of all materials submitted by the owner or operator, a copy of the Administrator's preliminary determination and a copy or summary of other materials, if any, considered by the Administrator in making his preliminary determination; and

(*c*) Notify the public, by prominent advertisement in a newspaper of general circulation in each region in which the proposed source would be constructed, of the opportunity for written public comment on the information submitted by the owner or operator and the Administrator's preliminary determination on the approvability of the source.

(iii) A copy of the notice required pursuant to this paragraph shall be sent to the applicant and to state and local air pollution control agencies, having cognizance over the location where the source will be situated.

(iv) Public comments submitted in writing within thirty (30) days after the date such information is made available shall be considered by the Administrator in making his final decision on the application. No later than ten (10) days after the close of the public comment period, the applicant may submit a written response to any comment submitted by the public. The Administrator shall consider the applicant's response in making his final decision. All comments shall be made available for public inspection in at least one location in the region in which the source would be located.

(v) The Administrator shall take final action on the application within thirty (30) days after the close of the public comment period. The Administrator shall notify the applicant in writing of his approval, conditional approval, or denial of the application, and shall set forth his reasons for conditional approval or denial. Such notification shall be made available for public inspection in at least one location in the region in which the source would be located.

(vi) The Administrator may extend each of the time periods specified in paragraph (f)(4)(ii), (iv) or (v) of this section by no more than 30 days, or such other period as agreed to by the applicant and the Administrator.

(5) The Administrator may impose any reasonable conditions upon an approval, including conditions requiring the source to be provided with:

(i) Sampling ports of a size, number, and location as the Administrator may require,

(ii) Safe access to each port,

(iii) Instrumentation to monitor and record emission data, and

(iv) Any other sampling and testing facilities.

(6) The Administrator may cancel an approval if the construction is not begun within 2 years from the date of issuance, or if during the construction, work is suspended for 1 year.

(7) Any owner or operator subject to the provisions of this regulation shall furnish the Administrator written notification as follows:

(i) A notification of the anticipated date or initial startup of the source not more than 60 days or less than 30 days prior to such date.

(ii) A notification of the actual date of initial startup of the source within 15 days after such date.

(8) Within 60 days after achieving the maximum production rate at which the source will be operated but not later than 180 days after initial startup of such source the owner or operator of such source shall conduct a performance test(s) in accordance with methods and under operating conditions approved by the Administrator and furnish the Administrator a written report of the results of such performance test.

(i) Such test shall be at the expense of the owner or operator.

(ii) The Administrator may monitor such test and may also conduct performance tests.

(iii) The owner or operator of a source shall provide the Administrator 15 days prior notice of the performance test to afford the Administrator the opportunity to have an observer present.

(iv) The Administrator may waive the requirement for performance tests if the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the source is being operated in compliance with all local, State and Federal regulations which are part of the applicable plan.

(9) Approval to construct or modify shall not be required for:

(i) The installation or alteration of an air pollutant detector, air pollutants recorder, combustion controller, or combustion shutoff.

(ii) Air-conditioning or ventilating systems not designed to remove air pollutants generated by or released from equipment.

(iii) Fuel burning equipment, other than smokehouse generators which has a heat input of not more than 250

MBtu/h (62.5 billion g-cal/h) and burns only gaseous fuel containing not more than 0.5 grain H_2S per 100 stdft[3] (5.7 g/100 stdm[3]); has a heat input of not more than 1 MBtu/h (250 Mg-cal/h) and burns only distillate oil; or has a heat input of not more than 350,000 Btu/h (88.2 Mg-cal/h) and burns any other fuel.

(iv) Mobile internal combustion engines.

(v) Laboratory equipment used exclusively for chemical or physical analyses.

(vi) Other sources of minor significance specified by the Administrator.

(10) Approval to construct or modify shall not relieve any person of the responsibility to comply with any local, State, or Federal regulation which is part of the applicable plan.

(11) Any owner or operator who constructs, modifies, or operates a stationary source not in accordance with the application, as approved and conditioned by the Administrator, or any owner or operator of a stationary source subject to this paragraph who commences construction or modification without applying for and receiving approval hereunder, shall be subject to enforcement action under section 113 of the Act.

(g) *Regulation for review of new sources and modifications.* (1) The requirements of this paragraph are appliable to any stationary source in the APCD's listed below, the construction or modification of which is commenced after the effective date of this regulation.

(i) Amador County APCD.
(ii) Calaveras County APCD.
(iii) El Dorado County APCD (Mountain Counties Intrastate portion).
(iv) [Reserved]
(v) Glenn County APCD.
(vi) Humboldt County APCD.
(vii)-(viii) [Reserved]
(ix) Lassen County APCD.
(x) Madera County APCD.
(xi) Mendocino County APCD.
(xii) Merced County APCD.
(xiii) Modoc County APCD.
(xiv) Monterey Bay Unified APCD.
(xv) Nevada County APCD.
(xvi) [Reserved]
(xvii) Plumas County APCD.
(xviii) San Joaquin County APCD.
(xix) Shasta County APCD.
(xx) Sierra County APCD.
(xxi) Siskiyou County APCD.
(xxii) Stanislaus County APCD.
(xxiii) Sutter County APCD.
(xxiv) Tulare County APCD.
(xxv) Tuolumne County APCD.

(2) No owner or operator shall commence construction or modification of any new source after the effective date of this regulation without first obtaining approval from the Administrator of the location of such source.

(i) Application for approval to construct or modify shall be made on forms furnished by the Administrator, or by other means prescribed by the Administrator.

(ii) A separate application is required for each source.

(iii) Each application shall be signed by the applicant.

(iv) Each application shall be accompanied by site information, stack data, and the nature and amount of emissions. Such information shall be sufficient to enable the Administrator to make any determination pursuant to paragraph (g)(3) of this section.

(v) Any additional information, plans, specifications, evidence, or documentation that the Administrator may require shall be furnished upon request.

(3) No approval to construct or modify will be granted unless the applicant shows to the satisfaction of the Administrator that the source will not prevent or interfere with attainment or maintenance of any national standard.

(4) (i) Within twenty (20) days after receipt of an application to construct, or any addition to such application, the Administrator shall advise the owner or operator of any deficiency in the information submitted in support of the application. In the event of such a deficiency, the date of receipt of the application for the purpose of paragraph (g)(4)(ii) of this section, shall be the date on which all required information is received by the Administrator.

(ii) Within thirty (30) days after receipt of a complete application, the Administrator shall:

(*a*) Make a preliminary determination whether the source should be approved, approved with conditions, or disapproved.

(*b*) Make available in at least one location in each region in which the proposed source would be constructed, a copy of all materials submitted by the owner or operator, a copy of the Administrator's preliminary determination and a copy or summary of other materials, if any, considered by the Administrator in making his preliminary determination; and

(*c*) Notify the public, by prominent advertisement in a newspaper of general circulation in each region in which the proposed source would be constructed, of the opportunity for written public comment on the information submitted by the owner or operator and the Administrator's preliminary determination on the approvability of the source.

(iii) A copy of the notice required pursuant to this subparagraph shall be sent to the applicant and to state and local air pollution control agencies, having cognizance over the location where the source will be situated.

(iv) Public comments submitted in writing within thirty (30) days after the date such information is made available shall be considered by the Administrator in making his final decision on the application. No later than ten (10) days after the close of the public comment period, the applicant may submit a written response to any comment submitted by the public. The Administrator shall consider the applicant's response in making his final decision. All comments shall be made available for public inspection in at least one location in the region in which the source would be located.

(v) The Administrator shall take final action on an application within thirty (30) days after the close of the public comment period. The Administrator shall notify the applicant in writing of his approval, conditional approval, or denial of the application, and shall set forth his reasons for conditional approval or denial. Such notification shall be made available for public inspection in at least one location in the region in which the source would be located.

(vi) The Administrator may extend each of the time periods specified in paragraph (g)(4) (ii), (iv) or (v) of this section by no more than 30 days, or such other period as agreed to by the applicant and the Administrator.

(5) The Administrator may cancel an approval if the construction is not begun within 2 years from the date of issuance, or if during the construction, work is suspended for 1 year.

(6) Approval to construct or modify shall not relieve any owner or operator of the responsibility to comply with any local, State, or Federal regulation which is part of the applicable plan.

(7) Approval to construct or modify shall not be required for:

(i) The installation or alteration of an air pollutant detector, air pollutants recorder, combustion controller, or combustion shutoff.

(ii) Air-conditioning or ventilating systems not designed to remove air pollutants generated by or released from equipment.

(iii) Fuel burning equipment, other than smokehouse generators, which has a heat input of not more than 250 MBtu/h (62.5 billion g-cal/h) and burns only gaseous fuel containing not more than 20.0 grain H_2S per 100 stdft^3 (54.8 g/100 stdm^3); has a heat input of not more than 1 MBtu/h (250 Mg-cal/h) and burns only distillate oil; or has a heat input of not more than 350,000 Btu/h (88.2 Mg-cal/h) and burns any other fuel.

(iv) Mobile internal combustion engines.

(v) Laboratory equipment used exclusively for chemical or physical analyses.

(vi) Other sources of minor significance specified by the Administrator.

(8) Any owner or operator who constructs, modifies, or operates a stationary source not in accordance with the application, as approved and conditioned by the Administrator, or any owner or operator of a stationary source subject to this paragraph who commences construction or modification without applying for and receiving approval hereunder, shall be subject to enforcement action under section 113 of the Act.

(h)-(i) [Reserved]

(j) *Delegation of authority.* (1) The Administrator shall have the authority to delegate responsibility for implementing the procedures for conducting source review pursuant to this section in accordance with paragraphs (j)(2), (3), and (4) of this section.

(2) Where the Administrator delegates the responsibility for implementing the procedures for conducting source review pursuant to this section to any Agency, other than a Regional Office of the Environmental Protection Agency, a copy of the notice pursuant to paragraphs (f)(4)(iii) and (g)(4)(iii) of this section shall be sent to the Administrator through the appropriate Regional Office.

(3) In accordance with Executive Order 11752, the Administrator's authority for implementing the procedures for conducting source review pursuant to this section shall not be delegated, other than to a Regional Office of the Environmental Protection Agency, for new or modified sources which are owned or operated by the Federal Government or for new or modified sources located on Federal lands; except that, with respect to the latter category, where new or modified sources are constructed or operated on Federal lands pursuant to leasing or other Federal agreements, the Federal Land Manager may at his discretion, to the extent permissible under applicable statutes and regulations, require the lessee or permittee to be subject to new source review requirements which have been delegated to a state or local agency pursuant to this paragraph.

(4) The Administrator's authority for implementing the procedures for conducting source review pursuant to this section shall not be redelegated, other than to a Regional Office of the Environmental Protection Agency, for new or modified sources which are located in Indian reservations except where the State has assumed jurisdiction over such land under other laws, in which case the Administrator may delegate his authority to the States in accordance with paragraphs (j)(2), (3), and (4) of this section.

(k) *Conditions on steam production.* (1) Notwithstanding any provisions to the contrary in the California State Implementation Plan, the Watson petroleum refinery owned by Atlantic Richfield Company, located at 1801 East Sepulveda Boulevard, Carson, California, shall operate under the following conditions listed in paragraphs (k)(2) through (6) of this section.

(2) The total steam load comprised of the steam purchased from Watson Energy Systems and the amount generated by boilers #31, #32, #33, #42, #51, and #52 at the ARCO Watson Refinery shall not exceed 1,355,000 pounds per hour at 680° F. 600 psig.

(3) Continuous written records of steam purchased from Watson Energy Systems and of the steam produced by boilers #31, #32, #42, #51, or #52 at the ARCO Watson Refinery, during receipt of steam from Watson Energy Systems, shall be maintained and made available for inspection by the EPA and the South Coast Air Quality Management District. These records shall be kept in terms of pounds per hour of steam at 680° F, 600 psig.

(4) The steam purchased from the Watson Energy Systems facility shall be used as a "first-on, last-off" source of steam for the ARCO Watson Refinery, except for steam produced by waste heat or as part of the refining process, or as required to maintain fired boilers in service for emergency use.

(5) Any proposed changes in equipment or fuel that would increase the oil fired steam generating capacity or decrease oil fired steam generating efficiency of boilers #31, #32, #33, #42, #51, and #52 at the ARCO Watson Refinery must be reviewed and approved by the EPA prior to implementation of the proposed changes.

(6) ARCO shall maintain written records of oil consumption at boilers #31, #32, #33, #42, #51, and #52 during receipt of steam from Watson Energy Systems. These records shall be available for inspection by the South Coast Air Quality Management District and the EPA. The total oil consumption of these boilers shall not exceed a monthly average of 226,000 gallons per day when receiving steam from the Watson Energy systems plant at a rate of 350,000 pounds per hour. When receiving steam at a lower rate, ARCO shall be allowed to increase its boiler fuel oil consumption

to achieve a total steam load not to exceed the limit of condition two (2).

(Secs. 107, 110, 129, 171-178, and 301(a), of the Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7429, 7501-7508 and 7601(a)))

[37 FR 19813, Sept. 22, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.233, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.234 Source surveillance.

(a) Except in the Air Pollution Control Districts (APCDs) listed in this paragraph, the requirements of § 51.19(a) of this chapter are not met since the plan does not provide for recordkeeping and periodic reporting of emission data by sources.

(1) Amador County APCD.
(2) Bay Area AQMD.
(3) Calaveras County APCD.
(4) Del Norte County APCD.
(5) El Dorado County APCD.
(6) Humboldt County APCD.
(7) Imperial County APCD.
(8) Lake County APCD.
(9) Mariposa County APCD.
(10) Mendocino County APCD.
(11) Nevada County APCD.
(12) Northern Sonoma County APCD.
(13) Placer County APCD.
(14) Plumas County APCD.
(15) Sierra County APCD.
(16) Trinity County APCD.
(17) Ventura County APCD.

(b) The requirements of § 51.19(b) of this chapter are not met since the plan does not adequately provide for periodic testing and inspection of stationary sources within the Bay Area Air Pollution Control District portion of the San Francisco Bay Area Intrastate Region.

(c) The requirements of § 51.19(c) of this chapter are not met since the system for detecting violations through enforcement of visible emission regulations and complaint handling is not adequately described.

(d) *Regulation for source recordkeeping and reporting.* (1) The owner or operator of any stationary source in the State of California, except for those APCD's specified in paragraph (a) of this section, shall, upon notification from the Administrator, maintain records of the nature and amounts of emissions from such source and/or any other information as may be deemed necessary by the Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures.

(2) The information recorded shall be summarized and reported to the Administrator, on forms furnished by the Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1 to June 30 and July 1 to December 31, except that the initial reporting period shall commence on the date the Administrator issues notification of the recordkeeping requirements.

(3) Information recorded by the owner or operator and copies of the summarizing reports submitted to the Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(e) The requirements of § 51.19(e) of this chapter are not met in the following air pollution control districts (APCD's) since all of the applicable requirements of Appendix P of part 51 are not included in the district regulations.

(1) Amador County APCD.
(2) Bay Area AQMD
(3) Calaveras County APCD.
(4) El Dorado County APCD.
(5) Imperial County APCD.
(6) Kern County APCD.
(7) Kings County APCD.
(8) Los Angeles County APCD.
(9) Mariposa County APCD.
(10) Monterey Bay Unified APCD.
(11) Nevada County APCD.
(12) Placer County APCD.
(13) Plumas County APCD.
(14) San Bernardino County Desert APCD.
(15) San Diego County APCD.
(16) San Joaquin County APCD.
(17) San Luis Obispo County APCD.
(18) Santa Barbara County APCD.
(19) Sierra County APCD.
(20) South Coast AQMD.
(21) Stanislaus County APCD.
(22) Tulare County APCD.
(23) Ventura County APCD.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a))

[37 FR 10850, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.234, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.235 Resources.

(a) The requirements of § 51.20 of this chapter are not met since resources have not been delineated according to regions, and resources for local agencies are not provided according to subcategories within each function as indicated in Appendix K of Part 51 of this chapter.

§ 52.236 Rules and regulations.

(a) Since the following Air Pollution Control District (APCD) rules do not define the term "agricultural operations," the rules are disapproved because they could render certain emission limitations rules unenforceable.

(1) Imperial County APCD.

(i) Rule 114.5, submitted on November 10, 1976.

(ii) Rule 148.D(3), submitted on November 10, 1976.

(b) The following Air Pollution Control District (APCD) rules are disapproved because they contain the term "agricultural operations" and/or the term "other equipment in agricultural operations," both of which are either undefined or inadequately defined, thus rendering certain emission control rules unenforceable:

(1) San Luis Obispo County APCD.

(i) Rules 401(B)(4) and 401(B)(6), submitted on November 10, 1976.

(2) Sacramento County APCD.

(i) Rule 7(b)(5), submitted on November 4, 1977.

(3) Glenn County APCD.

(i) Section 77(e), submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(4) Mariposa County APCD.

(i) Rule 203(G), submitted on June 6, 1977.

(5) Kern County APCD.

(i) Rules 402(c) and 402(e), submitted on; November 10, 1976.

(6) Fresno County APCD.

(i) Rules 402(c) and 402(e), submitted on October 23, 1974.

(ii) Rules 402(c) and 402(e), submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(7) Tulare County APCD.

(i) Section 402(c), submitted on November 10, 1976, and previously approved under 40 CFR 52.223 (42 FR 47556).

(8) Madera County APCD.

(i) Rules 402(c) and 402(e), submitted on January 10, 1975, and previously approved under 40 CFR 52.223 (42 FR 42219).

(9) Amador County APCD.

(i) Rules 203(G), submitted on October 15, 1979, and 205(G), submitted on June 30, 1972.

(c) Since the following Air Pollution Control Districts have deleted definitions which could allow a relaxation of emission limitations, the deletions are disapproved:

(1) Merced County APCD.

(i) Rule 102(hh), submitted on June 30, 1972, previously approved under 40 CFR 52.223, and deleted by the August 2, 1976 submittal, is retained.

(2) El Dorado County APCD.

(i) Rule 102(LL), submitted on November 4, 1977, previously approved at 43 FR 51632, and deleted by the May 23, 1979 submittal, is retained.

(d) The following rules or portions of rules are disapproved since they contain provisions which are inconsistent with 40 CFR Part 58, Ambient Air Quality Surveillance.

(1) Lake County APCD.

(i) Section 224, *Equivalent Method*, and Table V, *Table of Standards, Applicable Statewide*, submitted on February 10, 1977.

(ii) Table V, *Concentrations and Methods*, submitted on January 2, 1979, and Table V, submitted on February 10, 1976 and previously approved at 42 FR 42224.

(e) Since the following air pollution control districts have revised definitions so as to render the associated emission control requirements less stringent without a control strategy demonstration, the revisions are disapproved.

(1) Mendocino County APCD.

(i) Rule 130(p4), submitted on November 10, 1976. (Part III-49, previously submitted on February 21, 1972, and approved in 40 CFR 52.223, is retained).

(ii) Rule 130(s3), submitted on November 10, 1976. (Part III-55, previously submitted on February 21, 1972, and approved in 40 CFR 52.233, is retained).

(2) Shasta County APCD.

(i) The definition of "modification" in Rule 1:2, *Definitions*, submitted on October 13, 1977, is disapproved.

(3) San Bernardino County Desert APCD.

(i) Rule 103, *Definition of Terms*, submitted on November 4, 1977, is disapproved with respect to the deletion of the following terms: "Distilling type heater", "Noncomplying orchard heater", "Pipe line systems", and "Return stack heater". (Rule 2, *Definitions*, submitted on February 21, 1972 and approved in 40 CFR 52.223, is retained for the above terms.)

(4) Southeast Desert Intrastate Region.

(i) San Bernardino County Desert APCD.

(A) Rule 102, *Definition of Terms*, submitted November 4, 1977 is disapproved with respect to the deletion of the following terms: Distilling type heater, Non-complying orchard heater, Pipe line systems, and Return stack heater. Rule 2, *Definitions*, submitted February 21, 1972 and approved in 40 CFR 52.223, is retained for the above terms.

(f) The following APCD rules are disapproved because they exempt some portions of the districts from the existing air pollution control regulations without setting forth substitute rules for the exempted areas.

(1) El Dorado County APCD.

(i) Rule 201, submitted on November 4, 1977, is disapproved. (The previously approved Rule 49, submitted on June 30, 1972, is retained for Federal enforcement purposes.)

(g) The following Air Pollution Control District (APCD) rules are disapproved pursuant to section 110(a)(2)(K) of the Clean Air Act because they could allow recovery of legal expenses associated with permit enforcement actions.

(1) Monterey Bay Unified APCD.

(i) Rule 300 (i)(1), *Permit Fee*, submitted on December 17, 1979.

(2) El Dorado County APCD.

(i) Rule 104, submitted on May 23, 1979.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a)))

[42 FR 39664, Aug. 5, 1977]

EDITORIAL NOTE: For Federal Register citations to § 52.236, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.237 Part D disapproval.

(a) The following portions of the California SIP are disapproved because they do not meet the requirements of Part D of the Clean Air Act.

(1) The portions of the *South Coast Air Basin Control Strategy* that pertain to an I/M program.

(2) The portions of the *San Francisco Bay Area Air Basin Control Strategy* that pertain to an I/M program.

(3) The portions of the *San Joaquin Valley Air Basin Control Strategy* which pertain to an I/M program in Fresno County.

(4) The portions of the *South Central Coast Air Basin Control Strategy* which pertain to an I/M program in Ventura County.

(5) The portions of the *Sacramento Valley Air Basin Control Strategy* which pertain to an I/M program in the Sacramento Metropolitan area.

(Secs. 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501-7508, and 7601(a))

[46 FR 5979, Jan. 21, 1981, as amended at 47 FR 11869, Mar. 19, 1982; 47 FR 28621, July 1, 1982]

§ 52.238 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in California's plan, except where noted.

Air quality control region and nonattainment control region	Pollutant						
	TSP		SO₂		NO	CO	O₃ (hydrocarbons)
	Primary	Secondary	Primary	Secondary			
Lake Tahoe Intrastate	(d)	(a)	(e)	(e)	(e)	(i)	(e)
Mountain Counties Intrastate:							
Sacramento Metropolitan Area Placer (portion)	d	e	d	e	e	e	i
North Coast Intrastate	(*)	(*)	(*)	(*)	(*)	(*)	(*)
San Francisco Bay Area Air Basin	(d)	(d)	(e)	(e)	(e)	(i)	(i)
North Central Coast Intrastate	(e)	(e)	(e)	(e)	(e)	May 31, 1977	*May 31,* 1977
South Central Coast Intrastate:							
Santa Barbara County Non-AQMA portion:							
West area (40 CFR 81.305)	(h)	(h)	(e)	(e)	(e)	(h)	(i)
East area	(e)	(e)	(e)	(e)	(e)	(e)	(i)
San Luis Obispo County:							
Salinas Valley—El Pomar Estrella Planning Area	(d)	(a)	(e)	(e)	(e)	(e)	(a)
Non-Salinas Valley	(d)	(a)	(e)	(e)	(e)	(e)	(a)
Metropolitan Los Angeles Intrastate:							
South Coast Air Basin (SCAB)—	(h)	(c)	(d)	(e)	(h)	(i)	(i)
Santa Barbara County AQMA portion	(e)	(e)	(e)	(e)	(e)	(h)	(i)
Ventura County (mainland portion):							
North of Southern Los Padres N.F. boundary	h	h	d	e	e	e	i
South of Southern Los Padres N.F. boundary	h	h	d	e	e	e	i
Channel Islands (other than SCAB Islands)	(e)	(e)	(e)	(e)	(e)	(e)	(o)
San Diego Intrastate: *							
Eastern portion	e	e	e	e	e	e	i
Western portion	h	h	e	e	h	i	i
San Diego Intrastate	(*)	(*)	(*)	(*)	(*)	i	i
Northeast Plateau Intrastate	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Sacramento Valley Intrastate:							
Sacramento Metropolitan Area	d	e	d	e	e	e	i
Sacramento County	d	h	d	e	e	i	i
Yolo-Solano County (section)	d	e	d	e	e	e	i
San Joaquin Valley Intrastate:							
a. Fresno County:							
Fresno-Clovis Metropolitan Area	h	h	d	e	e	i	i
Remainder	h	h	d	e	e	e	i
b. Kern County	h	c	h	h	d	h	h
c. Kings County	h	h	e	e	e	May 31, 1977	h
d. Madera County	h	h	e	e	e	......do	h
e. Merced County	h	h	e	e	e	......do	h
f. San Joaquin County	h	h	e	e	e	i	i
g. Stanislaus County	h	h	e	e	e	h	h
h. Tulare County	h	h	e	e	e	May 31, 1977	h
Great Basin Valley Intrastate	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Southeast Desert Intrastate:							
a. Imperial County portion	e	e	e	e	e	e	h
b. San Bernardino County portion	a	a	e	e	e	May 31, 1977	i
c. Riverside County portion	a	a	e	e	e	......do	i
d. Los Angeles County portion	a	a	e	e	e	May 31, 1977	i
e. Remainder of AQCR	a	a	e	e	e	......do	May 31, 1977

NOTE 1: Dates or references which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

NOTE 2: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.238 (1979).

NOTE 3: Description of the boundary dividing the Eastern and Western portions of the new San Diego Intrastate is set out at 36 FR 22439-22440, November 25, 1971.

[1] July 1975.

[2] May 31, 1977.

[a] July 1975.
[b] 5 years from plan approval.
[c] 18-month extension granted.
[d] Air quality levels presently below primary standards.
[e] Air quality levels presently below secondary standards.
[f] Transportation and/or land-use control strategies to be submitted no later than Apr. 15, 1973.
[g] Transportation and/or land-use control strategies will be proposed by the Administrator.
[h] December 31, 1982.
[i] December 31, 1987.
[j] Extension granted for Fresno and Los Angelas areas until October 31, 1984 for attainment of the Lead NAAQS.

(Sec. 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501-7508 and 7601(a)))

[38 FR 7325, Mar. 20, 1973, as amended at 38 FR 12711, May 14, 1973; 38 FR 12920, May 17, 1973; 38 FR 31245, Nov. 12, 1973; 45 FR 74485, Nov. 10, 1980; 45 FR 80285, Dec. 4, 1980; 46 FR 5979, Jan. 21, 1981; 46 FR 21758, Apr. 14, 1981; 47 FR 13141, Mar. 29, 1982; 47 FR 19332, May 5, 1982; 47 FR 19697, May 7, 1982; 47 FR 25015, June 9, 1982; 47 FR 27069, June 23, 1982; 47 FR 28375, June 30, 1982; 47 FR 28622, July 1, 1982]

EFFECTIVE DATE NOTE: At 47 FR 28374, June 30, 1982, footnote j was added to § 52.238, effective July 30, 1982.

§ 52.239 Alternate compliance plans.

(a) Alternative compliance plans (bubble plans) developed under the District rules listed below must be submitted to EPA by the State of California as SIP revisions. The emission limits contained in the District rule will continue to be enforceable by EPA and private citizens under sections 113 and 304(a) of the Act until the alternative compliance plans are approved by EPA for inclusion in the SIP.

(1) Bay Area AQMD.

(i) Rule 4 of Regulation 8, submitted on February 7, 1980.

(b) Alternative compliance plans (bubble plans) developed under the District rules listed below are considered the applicable requirements in the SIP which are enforceable by EPA and private citizens under section 113 and 304(a) of the Act. Alternative compliance plans must be submitted to EPA after their approval by the District. The District rules do not apply to or supersede the conditions that a source must meet under nonattainment or PSD permit programs, new source performance standards, or national emission standards for hazardous air pollutants.

(1) Bay Area AQMD.

(i) Rules 11, 13 and 19 of Regulation 8, submitted on February 7, 1980.

(Secs. 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501-7508, and 7601(a)))

[47 FR 11870, Mar. 19, 1982]

§ 52.240 Compliance schedules.

(a) The requirements of § 51.15(c) of this chapter are not met in the following Air Pollution Control Districts since the regulations cited do not provide increments to progress toward compliance.

(1) Rules 50-A, 52-A, 53-A(a), 53-A(b), 53-A(c), 53.2, 53.3, 54.A, 58.A, 62.1, 68, 69, 70, and 71 of the San Bernardino County APCD.

(2) Rules 53, 72.1, and 72.2 of the Riverside County APCD.

(3) Rules 53, 66.c, and 68.a of the Orange County APCD.

(4) Rule 39.1 of the Santa Barbara County APCD.

(5) Rule 59 of the Ventura County APCD.

(6) Rule 66(c) of the Los Angeles County APCD.

(7) Rule 4.5 of the Siskiyou County APCD.

(8) Rule 64(c) of the Northern Sonoma County APCD.

(9) Rule 409 of the Tulare County APCD.

(b) The requirements of § 51.15(b) are not met since Rule 68.a of the Orange County Air Pollution Control District does not provide for compliance within 3 years after the Administrator's approval of the plan.

(c) *Federal compliance schedule.* (1) Except as provided in paragraph (c)(2) of this section, the owner or operator of any stationary source subject to rule 68.a of the Orange County Air Pollution Control District shall comply with such rule or regulation on or before January 31, 1974.

(i) Any owner or operator in compliance with this rule on the effective date of this regulation shall certify such compliance to the Administrator no later than 120 days following the effective date of this paragraph.

(ii) Any owner or operator who achieves compliance with such rule or regulation after the effective date of this regulation shall certify such compliance to the Administrator within 5 days of the date compliance is achieved.

(2) Any owner or operator of a stationary source subject to paragraph (c)(1) of this section may, not later than 120 days following the effective date of this paragraph, submit to the Administrator for approval a proposed compliance schedule that demonstrates compliance with the rules and regulations specified in paragraph (c)(1) of this section as expeditiously as practicable but no later than July 31, 1975. The compliance schedule shall provide for increments of progress toward compliance. The dates for achievement of such increments of progress shall be specified. Increments of progress shall include, but not be limited to: Submittal of final control plan to the Administrator; letting of necessary contracts for construction or process changes or issuance of orders for the purchase of component parts to accomplish emission control or process modification; initiation of onsite construction or installation of emission control equipment or process modification; completion of onsite construction or installation of emission control equipment or process modification; and final compliance.

(3) Any owner or operator who submits a compliance schedule pursuant to this paragraph shall, within 5 days after the deadline for each increment of progress, certify to the Administrator whether or not the required increment of the approved compliance schedule has been met.

(d) *Regulation for increments of progress.* (1) The requirements of this paragraph are applicable to any stationary source in the following Air Pollution Control Districts subject to the indicated regulations.

(i) Rules 50-A, 52-A, 53-A(a), 53-A(b), 53-A(c), 53.2, 53.3, 54.A, 58.A, 62.1, 68, 69, 70, and 71 of the San Bernardino County APCD.

(ii) Rules 53, 72.1, and 72.2 of the Riverside County APCD.

(iii) Rules 53 and 66.c of the Orange County APCD.

(iv) Rule 39.1 of the Santa Barbara County APCD.

(v) Rule 59 of the Ventura County APCD.

(vi) Rules 66(c) and 68 of the Los Angeles County APCD.

(vii) Rule 4.5 of the Siskiyou County APCD.

(viii) Rule 64(c) of the Northern Sonoma County APCD.

(ix) Rule 409 of the Tulare County APCD.

(2) Except as provided in paragraph (3) of this section, the owner or operator of any stationary source shall, no later than 120 days following the effective date of this paragraph, submit to the Administrator for approval, a proposed compliance schedule that demonstrates compliance with the applicable regulations as expeditiously as practicable but no later than the final compliance date specified by such applicable regulation. The compliance schedule shall provide for periodic increments of progress toward compliance. The dates for achievement of such increments shall be specified. Increments of progress shall include, but not be limited to: Submittal of final control plan to the Administrator; letting of necessary contracts for construction or process changes or issuance of orders for the purchase of component parts to accomplish emission control or process modification; initiation of onsite construction or installation of emission control equipment or process modification; completion of onsite construction or installation of emission control equipment or process modification; and final compliance.

(3) Where any such owner or operator demonstrates to the satisfaction of the Administrator that compliance with the applicable regulations will be achieved on or before January 31, 1974, no compliance schedule shall be required.

(4) Any owner or operator who submits a compliance schedule pursuant to this paragraph shall, within 5 days

after the deadline for each increment of progress, certify to the Administrator whether or not the required increment of the approved compliance schedule has been met.

(5) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(e) *Federal compliance schedules.* The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 and paragraph (d) of this section. All regulations cited are air pollution control regulations of the specific county in which the source is located, unless otherwise noted.

Source	County location	Regulation involved	Effective date	Final compliance date
Douglas Aircraft Co	Los Angeles	Rule 66(c)	Sept. 1, 1974	Aug. 31, 1974.
City of Los Angeles, Department of Water and Power:				
a. Haynes Unit 1	do	Rule 68	Dec. 31, 1974	July 5, 1974.
b. Haynes Unit 2	do	Rule 68	do	Nov. 29, 1974.
c. Haynes Unit 3	do	Rule 68	do	Dec. 13, 1974.
d. Haynes Unit 4	do	Rule 68	do	Aug. 12, 1974.
e. Haynes Unit 5	do	Rule 68	do	Dec. 30, 1974.
Southern California Edison Co.:				
a. Alamitos Unit 5	do	Rule 68	do	Dec. 31, 1974.
b. Alamitos Unit 6	do	Rule 68	do	Do.
c. Redondo Unit 7	do	Rule 68	do	Do.
d. Redondo Unit 8	do	Rule 68	do	Do.
e. Ormond Beach Station, Unit 1	Ventura	Rule 59	Jan. 1, 1975	Do.
f. Ormond Beach Station, Unit 2	Rule 59	Rule 59	do	Do.
Kerr-McGee Chemical Co.:				
a. Chemhi dryer (potash section)	San Bernardino	Rules 50A, 52A, and 54A.	do	Oct. 15, 1974.
b. Supo dryer (potash section)	do	Rules 50A, 52A, and 54A.	do	Nov. 10, 1974.
c. No. 1 aghi dryer (potash section).	do	Rules 50A, 52A, and 54A.	do	Dec. 15, 1974.
d. No. 2 aghi dryer (potash section).	do	Rules 50A, 52A, and 54A.	do	Nov. 15, 1974.
e. Boric acid dryer (boron section)	do	Rules 50A, 52A, and 54A.	do	Nov. 1, 1974.
f. No. 2 dryer (soda products section).	do	Rules 50A, 52A, and 54A.	do	Dec. 20, 1974.
g. Licons roaster (soda products section).	do	Rules 50A, 52A, and 54A.	do	Dec. 1, 1974.
h. Bleacher (carbonation section)	do	Rules 50A, 52A, and 54A.	do	Dec. 15, 1974.
Riverside Cement Co. Kilns Nos. 1 through 5	do	Rules 52A and 54A	do	Dec. 31, 1974.
Stauffer Chemical Co.:				
a. Grade 80 plant	do	Rules 50A and 52A	do	Dec. 20, 1974.
b. Dense ash plant	do	Rules 50A and 52A	do	Nov. 15, 1974.
c. Anhydrous boron plant	do	Rules 50A and 52A	do	Nov. 8, 1974.
Witteman Steel Mills	do	Rule 50A	do	Jan. 1, 1975.

(f) *State compliance schedules.* (1) Compliance schedules for the sources identified below are approved as meeting the requirements of § 51.6 and § 51.15 of this chapter. All regulations cited are air pollution control regulations of the air pollution control district where the source is located, unless otherwise indicated.

Source	Location (county)	Rule or regulation involved	Date of adoption	Effective date	Final compliance date
Interpace Corp., Heavy Clay and Minerals Division (Order No. 15).	Amador	2, 3, 7	Nov. 28, 1973	Immediately	Feb. 15, 1975.
Interpace Corp., Heavy Clay and Minerals Division (Order No. 16).	do	2, 3, 7	do	do	Do.

Source	Location (county)	Rule or regulation involved	Date of adoption	Effective date	Final compliance date
Interpace Corp. Heavy Clay and Minerals Division (Order No. 17).	......do	2, 3, 7	......do	......do	Do.
Flintkote Co., Calaveras Cement Divison (Order No. 1).	Calaveras	401, 404, 405, 406.	Oct. 26, 1973	......do	Apr. 1, 1975.
Crown Simpson Pulp Co. (Order No. 74-2).	Humboldt	52c	Mar. 6, 1974	......do	Dec. 21, 1974.
Louisiana Pacific Corp. (Order No. 52).	......do	50, 52a	Oct. 30, 1973	......do	Dec. 31, 1974.
Holtville Alfalfa Mills (dehydration system) (Order No. 2).	Imperial	121	Dec. 12, 1973	......do	Jan. 31, 1975.
Naval Air Facility (El Centro)	......do	122	Feb. 13, 1974	......do	Do.
Collins Pine Co. (Order No. 74-1).	Plumas	50	Jan. 16, 1974	......do	Jan. 15, 1975.
3M Co. (Minnesota Mining & Manufacturing) (Order No. 5-73).	Riverside	52, 54	Jan. 8, 1974	......do	Jan. 31, 1975.
Campbell Soup Co	Sacramento	25	Jan. 25, 1974	......do	Dec. 31, 1974.
California Cedar Products (Order No. 74-1).	San Joaquin	401, 404, 405, 406.	Jan. 22, 1974	......do	Jan. 1, 1975.
Holly Sugar Co. (Order No. 73-3).	......do	401, 404	Dec. 27, 1973	......do	July 1, 1975.
Pacific Gruwers (Nulaid Food, Inc.) (Order No. 74-4).	......do	404	Jan. 22, 1974	......do	Jan. 1, 1975.
Port of Stockton (Order No. 73-8).	......do	401, 404	Dec. 27, 1973	......do	May 1, 1975.
Signal Terminals, Inc. (Order No. 74-7).	......do	410, 412	Feb. 21, 1974	......do	Dec. 31, 1974.
Southern Pacific Pipe Lines, Inc. (Order No. 74-8).	......do	410, 412	......do	......do	Do.
Time Oil Co. (Order No. 74-11)	......do	410, 412	......do	......do	Do.
U.S. Plywood Corp. (Order No. 72-V-10).	Shasta	3.1, 3.2	Nov. 20, 1973	......do	Do.
U.S. Plywood Corp. (Order No. 72-V-11).	......do	3.1, 3.2	......do	......do	Do.
U.S. Plywood Corp. (Order No. 72-V-35).	......do	3.1, 3.2	Oct. 25, 1973	......do	Do.
Riverbank Army Ammunition Plant.	Stanislaus	409	Feb. 7, 1974	......do	Do.
General Motors Corp., General Motors Assembly Division (Order No. 1504-2).	Los Angeles	66(c)	June 25, 1974	......do	July 1, 1975.
U.S. Air Force—Norwalk facility	......do	61	June 20, 1974	......do	May 31, 1975.
USAF, Castle Air Force Base (classified waste incinerator).	Merced	417	Apr. 25, 1974	......do	Do.
Texaco, Inc. (Order No. 66)	Monterey	415	Jan. 24, 1974	......do	July 1, 1975.
USAF, March Air Force Base (Order No. 6-74).	Riverside	61	Mar. 19, 1974	......do	July 31, 1975.
Diamond Walnut Growers, Inc. (Order No. 74-17).	San Joaquin	401, 404	May 16, 1974	......do	June 15, 1975.
Port of Stockton (Order No. 73-8).	......do	401, 404	Apr. 18, 1974	......do	May 1, 1975.
Johns-Manville Products Corp. (Order No. 7).	Santa Barbara	16	Mar. 11, 1974	......do	July 31, 1975.
East-West Dairymen's Association (Order No. 12).	Stanislaus	405, 406	July 24, 1974	......do	July 24, 1975.
Farmers Warehouse (Order No. 7).	......do	405, 406	Apr. 17, 1974	......do	Mar. 13, 1975.
Foremost-McKesson, Inc. (Order No. 8).	......do	405, 406	......do	......do	Apr. 4, 1975.
Knudsen Corp. (Order No. 9)	......do	405, 406	......do	......do	Apr. 17, 1975.
Pacific International Rice Mills, Inc. (Order No. 74-003).	Yolo	2.19	......do	......do	Do.
Heppner Iron and Metal Co	Fresno	407.2	Oct. 16, 1974	......do	July 1, 1975.
Masonite Corp. (Order No. 74-8 as revised).	Mendocino	V-1	Sept. 30, 1974	......do	Do.
Castle Air Force Base (Order No. 74-2 as revised).	Merced	410	Aug. 19, 1974	......do	Aug. 1, 1975.
Delta Cotton Co. (Order No. 74-3).	......do	404	......do	......do	July 30, 1975.

Source	Location (county)	Rule or regulation involved	Date of adoption	Effective date	Final compliance date
U.S. Navy: III. Activity Service Stations.	San Diego	61, 63	Aug. 22, 1974	do	Sept. 30, 1975.
Teichert Construction (Order No. 74-21).	San Joaquin	401	Sept. 19, 1974	do	June 30, 1975.
The Learner Co. (Order No. 74-22 as revised).	do	401, 404	do	do	July 15, 1975.
Lorenz Lumber Co. (Order No. 71-V-16 as revised).	Shasta	3.1, 3.2	Oct. 30, 1974	do	July 1, 1975.
Kimberly Clark Corp. (Order No 71-V-27 as revised).	do	3.1, 3.2	do	do	July 31, 1975.
Bedford Aggregates Gravel Plant (Order No. PV-74-01).	Tuolumne	401(A), (B)	Oct. 3, 1974	do	Do.
Architectural Aggregates (Order No. APV-74-02).	do	401(A), (B)	do	do	Do.
Hoods Creek Gravel Plant (Order No. PV-74-03).	do	401(A), (B)	do	do	Do.
Adams, Schwab and Adams Elevator Co. (Order No. 74-13).	Yolo	2.19	Oct. 8, 1974	do	Do.

(2) The compliance schedules for the sources identified below are disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the county in which the source is located, unless otherwise indicated.

Source	Location (county)	Rule or regulation involved	Date of adoption	Effective date	Final compliance date
Simpson Lee Paper Co. (Order No. 72-V-7).	Shasta	3.2	Oct. 31, 1973	Immediately	Jan. 15, 1976.
Monolith Portland Cement Co. (Order No. 73-6 as amended Mar. 11, 1974).	Kern	401(b), 404.1, 406.	Dec. 31, 1973	do	July 1, 1976.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a)))

[37 FR 19814, Sept. 22, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.240, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§§ 52.241—52.245 [Reserved]

§ 52.246 Control of dry cleaning solvent vapor losses.

(a) For the purpose of this section, "dry cleaning operation" means that process by which an organic solvent is used in the commercial cleaning of garments and other fabric materials.

(b) This section is applicable in the Metropolitan Los Angeles, Sacramento Valley, San Joaquin Valley, and San Francisco Bay Area Intrastate Air Quality Control Regions (the "Regions"), as described in 40 CFR Part 81, dated July 1, 1979, except as follows:

(1) In the following portions of the Sacramento Valley Region, this section is rescinded:

(i) Sacramento County APCD.

(ii) Placer County APCD (Mountain Counties Air Basin portion).

(iii) Yuba County APCD.

(iv) Sutter County APCD.

(2) In the following portions of the Metropolitan Los Angeles Intrastate Region, this section is rescinded:

(i) Ventura County APCD.

(3) In the following portions of the San Joaquin Valley Intrastate Region, this section is rescinded:

(i) San Joaquin County APCD.

(ii) Stanislaus County APCD.

(iii) Tulare County APCD.

(c) Any dry cleaning establishment that uses solvents containing 4 percent or more by volume of any reactive organic material listed under paragraphs (k) (1), (2), and (3) of § 52.254 except perchloroethylene or any saturated halogenated hydrocarbon shall reduce the emissions of the discharged organics by 90 percent by use of activated carbon adsorption or other appropriate means; not later than January 1, 1975.

(d) If incineration is used as a control technique, 90 percent or more of the carbon in the organic compounds being incinerated must be oxidized to carbon dioxide.

(Secs. 107, 110, 129, 171-178, and 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7429, 7501-7508, and 7601(a)))

[38 FR 31246, Nov. 12, 1973, as amended at 42 FR 41122, Aug. 15, 1977; 42 FR 42226, Aug. 22, 1977; 46 FR 3886, Jan. 16, 1981; 47 FR 15586, Apr. 12, 1982; 47 FR 18856, May 3, 1982; 47 FR 26385, June 18, 1982; 47 FR 28622, July 1, 1982]

Effective Date Note: At 47 FR 26385, June 18, 1982, paragraph (b)(3) was added to § 52.246, effective Aug. 17, 1982.

§§ 52.247–52.251 [Reserved]

§ 52.252 Control of degreasing operations.

(a) "Degreasing" means any operation using an organic solvent as a surface cleaning agent prior to fabricating, surface coating, electroplating, or any other process.

(b) This section is applicable in the Sacramento Valley, San Joaquin Valley, and San Francisco Bay Area Intrastate Air Quality Control Regions (the "Regions"), as described in 40 CFR Part 81, dated July 1, 1979, except as follows:

(1) In the following portions of the Sacramento Valley Region, this section is rescinded:

(i) Sacramento County APCD.

(ii) Placer County APCD (Mountain Counties Air Basin portion).

(iii) Yuba County APCD.

(iv) Sutter County APCD.

(c) Any organic emissions discharged from degreasing operations must either be reduced by at least 85 percent, or the degreasing solvent must be classified as non-photochemically reactive as defined by paragraph (k) of § 52.254 not later than January 1, 1975. This regulation shall not be construed as lessening any emission control requirement specified under EPA approved regulations or § 52.254. Degreasing operations using perchloroethylene or saturated halogenated hydrocarbons shall be exempt from the requirements of this section.

(Secs. 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501-7508, and 7601(a)))

[38 FR 31249, Nov. 12, 1973, as amended at 42 FR 42226, Aug. 22, 1977; 46 FR 5979, Jan. 21, 1981; 47 FR 15586, Apr. 12, 1982; 47 FR 18856, May 3, 1982; 47 FR 19332, May 5, 1982; 47 FR 28622, July 1, 1982]

§ 52.253 Metal surface coating thinner and reducer.

(a) All terms defined in § 52.254 are used herein with the meanings so defined.

(b) This section is applicable in the Metropolitan Los Angeles, San Diego, Sacramento Valley, San Joaquin Valley, and San Francisco Bay Area Intrastate Air Quality Control Regions (the "Regions"), as described in 40 CFR Part 81, dated July 1, 1979, except as follows:

(1) In the following portions of the Sacramento Valley Intrastate Region, this section is either fully rescinded or partially rescinded subject to the conditions specified as follows:

(i) Sacramento County APCD.

(ii) Placer County APCD (Mountain Counties Air Basin portion).

(iii) This section is rescinded for metal parts and products coaters which are subject to and in full compliance with Yolo-Solano County Rule 2.25 submitted on February 25, 1980.

(iv) Yuba County APCD.

(v) Sutter County APCD.

(2) In the following portions of the Metropolitan Los Angeles Intrastate Region, this section is either fully rescinded or partially rescinded subject to the conditions specified as follows:

(i) This section is fully rescinded for the Ventura County APCD.

(ii) This section is rescinded for magnet wire insulators, can and coil coaters, metal parts coaters, and auto assembly line coaters which are subject to and in full compliance with Rules 1107, 1115, 1125, and 1126 in the South Coast AQMD.

(iii) This section is rescinded for metal parts coaters that are subject to and in full compliance with Rule 330 submitted on October 18, 1979, in the Santa Barbara County APCD.

(3) In the following portions of the San Joaquin Valley Intrastate Region, this section is rescinded for certain sources subject to the conditions specified:

(i) This section is rescinded for metal parts and products coaters which are subject to and in full compliance with Kern County Rule 410.4, submitted on October 15, 1979.

(ii) This section is rescinded for metal parts and products coaters which are subject to and in full compliance with Madera County APCD's Rule 410.4 submitted on October 10, 1980.

(iii) This section is rescinded for metal parts and products coaters which are subject to and in full compliance with Merced County Rule 409.4 submitted on October 10, 1980.

(iv) This section is rescinded for metal parts and products coaters which are subject to and in full compliance with San Joaquin County Rule 409.4 submitted on October 10, 1980.

(v) This section is rescinded for metal parts and products coaters which are subject to and in full compliance with Stanislaus County Rule 410.4 submitted on October 10, 1980.

(vi) This section is rescinded for metal parts and products coaters which are subject to and in full compliance with Tulare County Rule 410.4 submitted on October 10, 1980.

(vii) This section is rescinded for metal parts and products coaters which are subject to and in full compliance with Kings County Rule 410.4 submitted on October 10, 1980.

(viii) This section is rescinded for metal parts and products coaters which are subject to and in full compliance with Fresno County Rule 409.4 submitted on October 15, 1979.

(4) In the San Francisco Bay Area Intrastate Region this section is rescinded for certain operations, subject to the conditions specified below:

(i) This section is rescinded for metal container, closure and coil coating operations, light and medium-duty motor vehicle assembly plants, large appliance and metal furniture coaters, and miscellaneous metal parts and products coating operations, which are subject to and in full compliance with Rules 11, 13, 14, and 19 of Regulation 8 in the Bay Area AQMD.

(5) In the San Diego Intrastate Region, this section is rescinded:

(i) This section is rescinded for metal parts and products coaters which are subject to and in full compliance with San Diego APCD Rule 67.3, submitted on October 25, 1979.

(c) The composition of the organics in all metal surface coating thinners and reducers that are manufactured after January 1, 1975, and are used in the Regions, shall conform to paragraph (k) of § 52.254 so as to be defined as a nonphotochemically reactive solvent.

(d) After July 1975, the composition of the organics in all metal surface coating thinners and reducers that are used in the Regions, shall conform to paragraph (k) of § 52.254 so as to be defined as a non-photochemically reactive solvent.

(e) If there is an inadequate supply of necessary solvent ingredients needed in the manufacture of metal surface coating thinners and reducers for the purpose of meeting the composition requirements of this section in the time constraint required by this section; then evidence of such a supply inadequacy must be presented to the Administrator by the manufacturers of the metal surface coating thinners and reducers, so that the Administrator may grant to the industry an appropriate implementation time extension for meeting the requirements of this section, if and as warranted by the evidence presented.

(Secs. 107, 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7429, 7501-7508, and 7601(a)))

[38 FR 31249, Nov. 12, 1973, as amended at 42 FR 28123, June 2, 1977; 46 FR 5979, Jan. 21, 1981; 46 FR 42461, Aug. 21, 1981; 47 FR 11870, Mar. 19, 1982; 47 FR 15586, Apr. 12, 1982; 47 FR 18856, May 3, 1982; 47 FR 19332, May 5, 1982; 47 FR 19698, May 7, 1982; 47 FR 24308, June 4, 1982; 47 FR 28622, July 1, 1982]

EFFECTIVE DATE NOTE: At 47 FR 24308, June 4, 1982, paragraph (b)(5) was added to § 52.253, effective July 6, 1982.

§ 52.254 Organic solvent usage.

(a) This section is applicable in the Sacramento Valley, San Francisco Bay Area, and San Joaquin Valley Intrastate Air Quality Control Regions (the "Regions"), as described in 40 CFR Part 81, dated July 1, 1979, except as follows:

(1) In the following portions of the San Joaquin Valley Region, only the hourly emission limitations contained in paragraphs (b), (c), and (d) of this section are in effect; the following paragraphs, needed for interpretation are also in effect: Paragraphs (e) through (l) and (o) through (q) of this section. In addition, this section is entirely rescinded for specific operations for some of the counties noted below:

(i) This section is rescinded entirely for metal parts and products coaters which are subject to and in full compliance with Rule 409.4 for the Fresno County APCD, Rule 410.4 for the Kings County APCD, Rule 410.4 for the Madera County APCD, Rule 409.4 for the Merced County APCD, Rule 409.4 for the San Joaquin County APCD, Rule 409.4 for the Stanislaus County APCD, and Rule 410.4 for the Tulare County APCD.

(ii) Kern County APCD. This section is rescinded entirely for metal parts and product coaters which are subject to and in full compliance with Rule 410.4.

(iii) Fresno County APCD.

(iv) San Joaquin County APCD.

(v) Madera County APCD.

(vi) Merced County APCD.

(2) In the following portions of the San Joaquin Valley Region, only the hourly emission limitations contained in paragraphs (b), (c), and (d) of this section and the architectural coatings and solvent disposal emission limitations contained in paragraphs (m) and (n) of this section are in effect; the following paragraphs, needed for interpretation and enforcement of these emission limitations, are also in effect: Paragraphs (e) through (l) and (o) through (q) of this section.

(i) Kings County APCD.

(3) In the following portions of the Sacramento Valley Region, this section is rescinded:

(i) Sacramento County APCD.

(ii) Yolo-Solano APCD.

(iii) Shasta County APCD.

(iv) Placer County APCD (Mountain Counties Air Basin portion).

(v) Yuba County APCD.

(vi) Sutter County APCD.

(4) This section is rescinded for the San Francisco Bay Area Intrastate Region except for paragraph (d), which is retained until December 31, 1982 for sources constructed prior to October 2, 1974. The following paragraphs, needed for interpretation and enforcement of paragraph (d) are also in effect: Paragraphs (e) through (l) and (o) through (q) of this section.

(5) In the following portions of the Sacramento Valley Intrastate Region, paragraph (m) of this section is rescinded.

(i) Butte County APCD.

(ii) Sutter County APCD.

(b) No person shall discharge into the atmosphere more than 15 pounds of organic materials in any 1 day or more than 3 pounds in any 1 hour from any article, machine, equipment, or other contrivance in which any organic solvent or any material containing organic solvent comes into contact with flame or is baked, heat-cured, or heat-polymerized in the presence of oxygen, unless said discharge has been reduced by at least 85 percent. Those portions of any series of articles, machines, equipment, or other contrivances designed for processing continuous web, strip, or wire that emit organic materials in the course of using operations described in this section shall be collectively subject to compliance with this section.

(c) A person shall not discharge to the atmosphere more than 40 pounds of organic materials in any 1 day or more than 8 pounds in any 1 hour from any article, machine, equipment, or other contrivance used under conditions other than those described in paragraph (b) of this section for employing or applying any photochemically reactive solvent, as defined in paragraph (k) of this section, or material containing such photochemically reactive solvent, unless said discharge has been reduced by at least 85 percent. Emissions of organic materials into the atmosphere resulting from air- or heated-drying of products for the first 12 hours after their removal from any article, machine, or other contrivance described in this section shall be included in determining compliance with this paragraph. Emissions resulting from baking, heat-curing, or heat-polymerizing as described in paragraph (b) of this section shall be excluded from determination of compliance with this section. Those portions of any series of articles, machines, equipment, or other contrivances designed for processing a continuous web, strip, or wire that emit organic materials in the course of using operations described in this section shall be collectively subject to compliance with this section.

(d) A person shall not, after August 31, 1976, discharge into the atmosphere more than 3,000 pounds of organic materials in any 1 day or more than 450 pounds in any 1 hour from any article, machine, equipment, or other contrivance in which any nonphotochemically reactive organic solvent or any material containing such a solvent is employed or applied, unless said discharge has been reduced by at least 85 percent. Emissions of organic materials into the atmosphere resulting from air- or heated-drying of products for the first 12 hours after their removal from any article, machine, equipment, or other contrivance described in this section shall be included in determining compliance with this section. Emissions resulting from baking, heat-curing, or heat-polymerizing as described in paragraph (b) of this section shall be excluded from determination of compliance with this section. Those portions of any series of articles, machines, equipment, or other contrivances designed for processing a continuous web, strip, or wire that emit organic materials in the course of using operations described in this section shall be collectively subject to compliance with this section.

(e) Emissions of organic materials to the atmosphere from the cleaning with photochemically reactive solvent, as defined in paragraph (k) of this section, of any article, machine, equipment, or other contrivance described in paragraph (b), (c), or (d) of this section, shall be included with the other emissions of organic materials for determining compliance with this rule.

(f) Emissions of organic materials into the atmosphere required to be controlled by paragraph (b), (c), or (d) of this section, shall be reduced by:

(1) Incineration, provided that 90 percent or more of the carbon in the organic material being incinerated is oxidized to carbon dioxide, or

(2) Adsorption, or

(3) Processing in a manner determined by the Administrator to be not less effective than the methods outlined in paragraph (f) (1) or (2) of this section.

(g) A person incinerating, adsorbing, or otherwise processing organic materials pursuant to this section shall provide, properly install and maintain in calibration, in good working order and in operation, devices as specified in the authority to construct or permit to operate, or as specified by the Administrator, for indicating temperatures, pressures, rates of flow, or other operating conditions necessary to determine the degree and effectiveness of air pollution control.

(h) Any person using organic solvents or any materials containing organic solvents shall supply the Administrator upon request and in the manner and form prescribed by him, written evidence of the chemical composition, physical properties, and amount consumed for each organic solvent used.

(i) The provisions of this section shall not apply to:

(1) The manufacture of organic solvents, or the transport or storage of organic solvents or materials containing organic solvents.

(2) The use of equipment for which other requirements are specified by rules or which are exempted from air pollution control requirements by applicable rules affecting the storage of petroleum products, effluent oil-water separators, and the transfer of gasoline.

(3) The spraying or other employment of insecticides, pesticides, or herbicides.

(4) The employment, application, evaporation, or drying of saturated halogenated hydrocarbons or perchloroethylene.

(5) The use of any material in any article, machine, equipment, or other

contrivance described in paragraph (b), (c), (d), or (e) of this section, if:

(i) The volatile content of such materials consists only of water and organic solvent, and

(ii) The organic solvents comprise not more than 20 percent by volume of said volatile content, and

(iii) The volatile content is not photochemically reactive as defined in paragraph (k) of this section, and

(iv) The organic solvent or any material containing organic solvent does not come into contact with flame.

This last stipulation applies only for those articles, machines, equipment, or contrivances that are constructed or modified after the effective date of this section.

(6) The use of any material in any article, machine, equipment or other contrivance described in paragraph (b), (c), (d), or (e) of this section, if:

(i) The organic solvent content of such material does not exceed 30 percent by volume of said material; this to be effective until January 1, 1977. After January 1, 1977, the organic solvent content of such material must not exceed 20 percent by volume of said material.

(ii) The volatile content is not photochemically reactive as defined in paragraph (k) of this section, and

(iii) The organic solvent or any material containing organic solvent does not come into contact with flame. This last stipulation applies only for those articles, machines, equipment, or contrivances that are constructed or modified after the effective date of this section.

(j) For the purposes of this section, organic solvents include diluents, thinners, and reducers and are defined as organic materials that are liquids at standard conditions and are used as dissolvers, viscosity reducers, or cleaning agents, except that such materials exhibiting a boiling point higher than 220° F at 0.5 millimeter mercury absolute pressure or having an equivalent vapor pressure shall not be considered to be solvents unless exposed to temperatures exceeding 220° F.

(k) For the purpose of this section, a photochemically reactive solvent is any solvent with an aggregate of more than 20 percent of its total volume composed of the chemical compounds classified below or which exceeds any of the following individual percentage composition limitations, referred to the total volume of solvent:

(1) A combination of hydrocarbons, alcohols, aldehydes, esters, ethers, or ketones having an olefinic or cycloolefinic type of unsaturation; 5 percent;

(2) A combination of aromatic compounds with 8 or more carbon atoms to the molecule except ethylbenzene, phenyl acetate, and methyl benzoate; 8 percent;

(3) A combination of ethylbenzene, ketones having branched hydrocarbon structures, trichloroethylene or toluene: 20 percent.

Whenever any organic solvent or any constituent of an organic solvent may be classified from its chemical structure into more than one of the above groups of organic compounds, it shall be considered as a member of the most reactive chemical group, that is, that group having the least allowable percent of the total volume of solvents.

(l) For the purpose of this section, organic materials are defined as chemical compounds of carbon excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbonates, and ammonium carbonate.

(m) Architectural coatings and their use shall conform to the following requirements, on or before January 1, 1975:

(1) A person shall not sell or offer for sale or use in the areas in which this section applies, in containers of 1-quart capacity or larger, any architectural coating containing photochemically reactive solvent, as defined in paragraph (k) of this section.

(2) A person shall not employ, apply, evaporate, or dry in the areas in which this section applies, any architectural coating purchased in containers of 1-quart capacity or larger containing photochemically reactive solvent, as defined in paragraph (k) of this section.

(3) A person shall not thin or dilute any architectural coating with a photochemically reactive solvent, as defined in paragraph (k) of this section.

(4) For the purpose of this section, an architectural coating is defined as a

coating used for residential or commercial buildings and their appurtenances, or for industrial buildings.

(n) A person shall not during any one day dispose of a total of more than 1.5 gallons of any photochemically reactive solvent as defined in paragraph (k) of this section, or of any material containing more than 1.5 gallons of any such photochemically reactive solvent by any means that will permit the evaporation of such solvent into the atmosphere.

(o) Compliance schedule. (1) Except where other final compliance dates are provided in this section, the owner or operator of any stationary source subject to this section shall comply with this section on or before March 31, 1974. In any event:

(i) Any owner or operator in compliance with this section on the effective date of this section shall certify such compliance to the Administrator no later than 120 days following the effective date of this section.

(ii) Any owner or operator who achieves compliance with this section after the effective date of this section shall certify such compliance to the Administrator within 5 days of the date compliance is achieved.

(p) Any owner or operator of a stationary source subject to paragraph (o)(1) of this section may, not later than 120 days following the effective date of this section, submit to the Administrator for approval a proposed compliance schedule that demonstrates compliance with the provisions in paragraph (o)(1) of this section as expeditiously as practicable but no later than July 31, 1975. The compliance schedule shall provide for increments of progress toward compliance. The dates for achievement of such increments of progress shall be specified. Increments of progress shall include, but not be limited to:

Submittal of a final control plan to the Administrator; letting of necessary contracts for construction or process changes or issuance of orders for the purchase of component parts to accomplish emission control or process modification; initiation of onsite construction or installation of emission control equipment or process modification; completion of onsite construction or installation of emission control equipment or process modification and final compliance.

(q) Any owner or operator who submits a compliance schedule pursuant to this section shall, within 5 days after the deadline for each increment of progress, certify to the Administrator whether or not the required increment of the approved compliance schedule has been met.

(Secs. 107, 110, 129, 171-178, and 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7429, 7501-7508, and 7601(a)))

[38 FR 31249, Nov. 12, 1973]

EDITORIAL NOTE: For Federal Register citations to § 52.254, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.255 Gasoline transfer vapor control.

(a) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater.

(b) This section is applicable in the Metropolitan Los Angeles and Sacramento Valley Intrastate Air Quality Control Regions, as described in 40 CFR Part 81, dated July 1, 1979, with the following exceptions:

(1) The control requirements of this section are limited to facilities with a total throughput less than 20,000 gallons per day, the refilling of delivery vessels at these facilities, and storage containers serviced by these facilities for those air pollution control districts identified below.

(i)—(ix) [Reserved]

(x) Ventura County APCD.

(2) [Reserved]

(3) The control requirements of this section are rescinded in the following air pollution control districts:

(i) South Coast AQMD.

(ii)—(viii) [Reserved]

(ix) Santa Barbara County APCD.

(x) Placer County APCD (Mountain Counties Air Basin portion).

(xi) Sacramento County APCD.

(xii) Yolo-Solano County APCD.

(xiii) Butte County APCD.

NOTE: At 47 FR 28622, July 1, 1982, the following paragraph (b)(3)(xiii) was added to § 52.255 and will be correctly designated by an EPA document published in the FEDERAL REGISTER at a later date.

(xiii) Ventura County APCD.

(xiv) Glenn County APCD.

(c) No person shall transfer gasoline from any delivery vessel into any stationary storage container with a capacity greater than 250 gallons unless such container is equipped with a submerged fill pipe and unless the displaced vapors from the storage container are processed by a system that prevents release to the atmosphere of no less than 90 percent by weight of organic compounds in said vapors displaced from the stationary container location.

(1) The vapor recovery portion of the system shall include one or more of the following:

(i) A vapor-tight return line from the storage container to the delivery vessel and a system that will ensure that the vapor return line is connected before gasoline can be transferred into the container.

(ii) Refrigeration-condensation system or equivalent designed to recover no less than 90 percent by weight of the organic compounds in the displaced vapor.

(2) If a "vapor-tight vapor return" system is used to meet the requirements of this section, the system shall be so constructed as to be readily adapted to retrofit with an adsorption system, refrigeration-condensation system, or equivalent vapor removal system, and so constructed as to anticipate compliance with § 52.256.

(3) The vapor-laden delivery vessel shall be subject to the following conditions:

(i) The delivery vessel must be so designed and maintained as to be vapor-tight at all times.

(ii) The vapor-laden delivery vessel may be refilled only at facilities equipped with a vapor recovery system or the equivalent, which can recover at least 90 percent by weight of the organic compounds in the vapors displaced from the delivery vessel during refilling.

(iii) Facilities that do not have more than a 20,000 gallon per day throughput, and distribute less than 10% of daily volume to delivery vehicles that in turn service storage tanks that are required to have a vapor return or balance system, will not be required to comply with the provisions of paragraph (c) of this section before May 31, 1977. Facilities that service delivery vehicles that in turn deliver not more than 500,000 gallons per year to storage tanks that are required to comply with the provisions of paragraph (c) of this section will not be required to comply with the provisions of paragraph (c) of this section before January 1, 1977. Facilities that exclusively service storage tanks that do not have a required vapor return or balance system, will not be required to have a vapor recovery system.

(iv) Gasoline storage compartments of 1,000 gallons or less in gasoline delivery vehicles presently in use on the promulgation date of this regulation will not be required to be retrofitted with a vapor return system until May 31, 1977.

(v) Storage containers served by delivery vessels filled at distribution facilities with extended compliance dates will not be required to comply with the provisions of paragraph (c) of this section until May 31, 1977.

(d) The provisions of paragraph (c) of this section shall not apply to the following:

(1) Storage containers used primarily for the fueling of implements of husbandry, if such container is equipped by May 31, 1977 with a permanent submerged fill pipe, or at the time of installation for containers installed after this date.

(2) Any storage container having a capacity of 2,000 gallons or less and installed prior to July 1, 1975, if such container is equipped with a permanent submerged fill pipe by May 31, 1977.

(3) Transfer made to storage tanks equipped with floating roofs or their equivalent.

(4) Storage containers installed after July 1, 1975 in Kings County.

(5) Storage containers installed after January 1, 1975 in Madera County.

(e) Compliance schedule:

(1) June 1, 1974—Submit to the Administrator a final control plan, which describes at a minimum the steps that will be taken by the source to achieve compliance with the provisions of paragraph (c) of this section.

(2) March 1, 1975—Negotiate and sign all necessary contracts for emis-

sion control systems, or issue orders for the purchase of component parts to accomplish emission control.

(3) May 1, 1975—Initiate on-site construction or installation of emission control equipment.

(4) February 1, 1976—Complete on-site construction or installation of emission control equipment.

(5) July 1, 1976—Assure final compliance with the provisions of paragraph (c) of this section.

(6) Any owner or operator of sources subject to the compliance schedule in this paragraph shall certify to the Administrator, within 5 days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(f) Paragraph (e) of this section shall not apply:

(1) To a source which is presently in compliance with the provisions of paragraph (c) of this section and which has certified such compliance to the Administrator by June 1, 1974. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator submits to the Administrator, by June 1, 1974, a proposed alternative schedule. No such schedule may provide for compliance after March 1, 1976. If promulgated by the Administrator, such schedule shall satisfy the requirements of this section for the affected source.

(g) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (e) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(h) Any gasoline-dispensing facility subject to this section that installs a storage tank after the effective date of this section shall comply with the requirements of paragraph (c) of this section by March 1, 1976 and prior to that date shall comply with paragraph (e) of this section as far as possible. Any facility subject to this section that installs a storage tank after March 1, 1976, shall comply with the requirements of paragraph (c) of this section at the time of installation.

(Secs. 107, 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7429, 7501-7508, and 7601(a)))

[38 FR 31251, Nov. 12, 1973]

Editorial Note: For Federal Register citations to § 52.255, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.256 Control of evaporative losses from the filling of vehicular tanks.

(a) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater.

(b) This section is applicable in the Metropolitan Los Angeles and Sacramento Valley Intrastate Air Quality Control Regions, except as follows:

(1) In the following portions of the Metropolitan Los Angeles Intrastate Region, this section is rescinded.

(i) South Coast AQMD.

(ii) Santa Barbara County APCD.

(2) In the following portions of the San Joaquin Valley Intrastate Region, this section is rescinded.

(i) Kings County APCD.

(3) In the following portion of the Sacramento Valley Intrastate Region, this section is rescinded.

(i) Sacramento County APCD.

(c) A person shall not transfer gasoline to an automotive fuel tank from a gasoline dispensing system unless the transfer is made through a fill nozzle designed to:

(1) Prevent discharge of hydrocarbon vapors to the atmosphere from either the vehicle filler neck or dispensing nozzle;

(2) Direct vapor displaced from the automotive fuel tank to a system wherein at least 90 percent by weight of the organic compounds in displaced vapors are recovered; and

(3) Prevent automotive fuel tank overfills or spillage on fill nozzle disconnect.

(d) The system referred to in paragraph (c) of this section can consist of a vapor-tight vapor return line from the fill nozzle/filler neck interface to the dispensing tank or to an adsorption, absorption, incineration, refrigeration-condensation system or its equivalent.

(e) Components of the systems required by paragraph (c) of § 52.255 can be used for compliance with paragraph (c) of this section.

(f) If it is demonstrated to the satisfaction of the Administrator that it is impractical to comply with the provisions of paragraph (c) of this section as a result of vehicle fill neck configuration, location, or other design features for a class of vehicles, the provisions of this paragraph shall not apply to such vehicles. However, in no case shall such configuration exempt any gasoline dispensing facility from installing and using in the most effective manner a system required by paragraph (c) of this section.

(g) Compliance schedule:

(1) January 1, 1975—Submit to the Administrator a final control plan, which describes at a minimum the steps that will be taken by the source to achieve compliance with the provisions of paragraph (c) of this section.

(2) March 1, 1975—Negotiate and sign all necessary contracts for emission control systems, or issue orders for the purchase of component parts to accomplish emission control.

(3) May 1, 1975—Initiate on-site construction or installation of emission control equipment. Compliance with the requirements of paragraph (c) of this section shall be as soon as practicable, but no later than specified in paragraphs (g) (4) and (5) of this section.

(4) May 1, 1977—Complete on-site construction or installation of emission control equipment or process modification.

(5) May 31, 1977—Assure final compliance with the provisions of paragraph (c) of this section.

(6) Any owner or operator of sources subject to the compliance schedule in this paragraph (g) shall certify to the Administrator, within 5 days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(h) Paragraph (g) of this section shall not apply:

(1) To a source which is presently in compliance with the provisions of paragraph (c) of this section and which has certified such compliance to the Administrator by January 1, 1975. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator submits to the Administrator, by June 1, 1974, a proposed alternative schedule. No such schedule may provide for compliance after May 31, 1977. If promulgated by the Administrator, such schedule shall satisfy the requirements of this section for the affected source.

(i) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (g) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(j) Any gasoline dispensing facility subject to this section that installs a gasoline dispensing system after the effective date of this section shall comply with the requirements of paragraph (c) of this section by May 31, 1977, and prior to that date shall comply with paragraph (g) of this section as far as possible. Any facility subject to this section that installs a gasoline dispensing system after May 31, 1977, shall comply with the requirements of paragraph (c) of this section at the time of installation.

(Secs. 110, 129, 171-178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501-7508, and 7601(a)))

[38 FR 31251, Nov. 12, 1973, as amended at 39 FR 4881, Feb. 8, 1974; 39 FR 21053, June 18, 1974; 46 FR 5979, Jan. 21, 1981; 46 FR 60203, Dec. 9, 1981; 47 FR 19332, May 5, 1982; 47 FR 19698, May 7, 1982; 47 FR 28622, July 1, 1982]

NOTE: The compliance dates given in paragraphs (g) (1) through (3) were deferred indefinitely at 40 FR 1127, Jan. 6, 1975.

§§ 52.257—52.262 [Reserved]

§ 52.263 Priority treatment for buses and carpools—Los Angeles Region.

(a) Definitions: (1) "Carpool" means a vehicle containing three or more persons.

(2) "Bus/carpool lane" means a lane on a street or highway open only to buses (or to buses and carpools), whether constructed especially for that purpose or converted from existing lanes.

(3) "Preferential treatment" for any class of vehicles, means either the setting aside of one traffic lane for the exclusive use of such vehicles or other measures (for example, access metering or setting aside the entire street), which the Administrator finds would be at least equal in VMT reduction effect to the establishment of such a lane.

(b) This regulation is applicable in the Metropolitan Los Angeles Intrastate Air Quality Control Region (the "Region").

(c) On or before May 31, 1974, the State of California, through the State Department of Transportation or through other agencies to which legal authority has been delegated, shall establish the following system of bus/carpool lanes.

(1) Ventura/Hollywood Corridor—a concurrent flow exclusive bus/carpool lane from Topanga Canyon Boulevard, Woodland Hills (U.S. 101) to junction of the Hollywood Freeway, and contraflow on the Hollywood Freeway (U.S. 101) from the junction with Ventura Freeway in North Hollywood to Vermont Avenue, and bus preferential treatment on arterial surface streets from Vermont Avenue to the Los Angeles central business district (CBD).

(2) Harbor Freeway Corridor—contraflow on Harbor Freeway (California 11) from vicinity of Pacific Coast Highway, in Wilmington, to junction of Santa Monica Freeway (I-10), then by surface street preferential treatment to LA/CBD.

(3) Wilshire Corridor—surface street preferential bus treatment from vicinity of San Vincente Boulevard, to LA/CBD.

(4) San Bernardino Freeway Corridor-Bus/carpool lane, either contraflow, or concurrent flow on San Bernardino Freeway from El Monte terminus of existing San Bernardino Freeway bus lane (I-10), to vicinity of Ontario Airport.

(5) Priority Treatment in CBD—provide preferential treatment in CBD on surface streets to connect Wilshire and San Bernardino corridors.

(d) On or before May 31, 1976, the State of California, through the State Department of Transportation or other agencies to which legal authority has been delegated, shall establish the following system of bus and bus/carpool lanes:

(1) Contraflow lane on the Golden State Freeway (I-5) from junction of Ventura Freeway (California 134) in Los Angeles to San Bernardino Freeway (I-10).

(2) Contraflow on Pasadena Freeway (California 11) from terminus in City of Pasadena to Hollywood Freeway (U.S. 101).

(3) Contraflow on Pomona Freeway from San Gabriel Freeway (I-605) to Santa Ana Freeway (I-5).

(4) Concurrent flow in San Diego Freeway (I-405) from Ventura Freeway (U.S. 101) in Sherman Oaks to Newport Freeway (California 55), Costa Mesa.

(5) Concurrent flow on Long Beach Freeway (California 7) from Santa Ana Freeway (I-5), City of Commerce to San Diego Freeway (I-405), Long Beach.

(6) Artesia Freeway (California 91) from Santa Ana Freeway (I-5) to Long Beach Freeway (California 7), Long Beach.

(e) State III will include specific routes in other portions of the Region.

(f) On or before December 31, 1973, the State of California shall submit to the Administrator a compliance schedule showing the steps it will take to establish the system of bus/carpool lanes required by paragraphs (c) and (d) of this section, with each schedule to include the following:

(1) A schedule for the establishment of the lanes. The schedule for the lanes required by paragraph (d) of this section shall provide for the first such lane to be set aside no later than June 1, 1974.

(2) Bus/carpool lanes must be prominently indicated by overhead signs at appropriate intervals and at each intersection of entry ramps.

(3) Bus/carpool lanes must be prominently indicated by distinctive painted, pylon, or physical barriers.

(4) Vehicles using a bus/carpool lane shall have the right of way when crossing other portions of the road to enter or leave such lanes.

(5) At a minimum, the bus/carpool lanes so set aside shall operate from 6:30 a.m. to 9:30 a.m. and from 3:30 to 6:30 a.m. each weekday.

(g) No deviation from the system of bus/carpool lanes required under paragraphs (c) and (d) of this section shall be permitted except upon application made by the State of California to the Administrator at the time of submittal of compliance schedules and approved by him, which application must contain a satisfactory designation of alternate routes for the establishment of such lanes.

[38 FR 31254, Nov. 12, 1973]

§§ 52.264—52.266 [Reserved]

§ 52.267 Maintenance of national standards.

(a) The areas listed below, which were identified by the State of California, are hereby identified by the Administrator under § 51.12(e) and (f) as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Sacramento Valley Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Carbon monoxide and photochemical oxidants.

(ii) Geographical compostion of area:

Sacramento County
Yolo County
That portion of Solano County lying in the Sacramento Valley Air Basin, as defined in the plan.
That portion of Placer County lying west of the easterly line of Range 7 East, and that portion of Placer County lying south of the northerly line of Township 11 North, Mount Diablo Base and Meridian.

(2) San Diego Air Basin Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, carbon monoxide, and photochemical oxidants.

(ii) Geographic composition of area: Portion of San Diego County lying in the San Diego Air Basin, as defined in the plan.

(3) San Francisco Bay Area Air Basin Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of area:

Alameda County
Contra Costa County
Marin County
Napa County
San Francisco County
San Mateo County
Santa Clara County
Those portions of Solano and Sonoma Counties lying in the San Francisco Bay Area Air Basin, as defined in the plan.

(4) San Joaquin and Stanislaus Counties Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

San Joaquin County
Stanislaus County

(5) Fresno County Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

Fresno County

(6) Kern County Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, photochemical oxidants and carbon monoxide.

(ii) Geographical composition of area:

That portion of Kern County lying in the San Joaquin Valley Air Basin, as defined in the plan.

(7) Tulare County Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Tulare County

(8) South Coast Air Basin Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, carbon monoxide, photochemical oxidants, and nitrogen dioxide.

(ii) Geographical composition of area:

Orange County
Ventura County
Those portions of Los Angeles, Riverside, San Bernardino, and Santa Barbara Counties lying in the South Coast Air Basin, as defined in the plan.

(9) Southeast Desert Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Photochemical oxidants.

(ii) Geographical composition of area:

Coachella Valley portion of Riverside County, and that portion of San Bernardino County in the Southeast Air Basin lying south of latitude 35°10′ N and west of longitude 115°45′ W.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a)))

[40 FR 41948, Sept. 9, 1975, as amended at 46 FR 3886, Jan. 16, 1981]

§ 52.268 [Reserved]

§ 52.269 Control strategy and regulations: Photochemical oxidants (hydrocarbons) and carbon monoxide.

(a) The requirements of § 51.14 of this chapter are not met because the plan does not provide for attainment and maintenance of the national standards for photochemical oxidants (hydrocarbons) and carbon monoxide in the San Francisco Bay Area, San Diego, Sacramento Valley, San Joaquin Valley, and Southeast Desert Intrastate Regions by May 31, 1975.

(b) The following regulatory changes represent a relaxation of previously submitted regulations, and an adequate control strategy demonstration has not been submitted showing that the relaxation would not interfere with the attainment and maintenance of the national standards for photochemical oxidants.

(1) Mountain Counties Intrastate Region.

(i) Calaveras County APCD.

(A) The revocation of Rule 412, Organic Liquid Loading, is disapproved. Rule 412 submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(B) The revocation of Rule 413, Effluent Oil Water Separators, is disapproved; and Rule 413 submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(ii) Tuolumne County APCD.

(A) The revocation of Rule 413, Organic Liquid Loading, is disapproved; and Rule 413 submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(B) The revocation of Rule 414, Effluent Oil Water Separators, is disapproved; and Rule 414 submitted on June 30, 1972 and previously approved in 40 CFR 52.223 is retained.

(C) The revocation of Rule 413, *Organic Liquid Loadings,* submitted February 10, 1977, is disapproved; and the previously aproved Rule 413 submitted on June 30, 1972 remains in effect.

(D) The revocation of Rule 414, *Effluent Oil Water Separators,* submitted on February 10, 1977, is disapproved; and the previously approved Rule 414 submitted on June 30, 1972, remains in effect.

(1-1) San Joaquin Valley Intrastate Region.

(i) Stanislaus County APCD.

(A) Rule 411.1, submitted on November 4, 1977, is disapproved. Rule 411.1 submitted on April 21, 1976 remains in effect.

(ii) Merced County APCD.

(A) Rule 411.1, submitted on November 4, 1977, is disapproved. Rule 411.1, submitted on August 2, 1976, remains in effect.

(iii) Fresno County APCD.

(A) Rules 411.1, *Gasoline Transfer Into Vehicle Fuel Tanks,* submitted on November 4, 1977, is disapproved; and Rule 411.1 submitted on April 21, 1976, and previously approved under 40 CFR 52.223, is retained.

(iv) Tulare County APCD.

(A) Section 412.1, *Transfer of Gasoline Into Vehicle Fuel Tanks*, submitted on October 13, 1977, is disapproved; and Section 412.1, submitted on April 21, 1976, and previously approved under 40 CFR 52.223, is retained.

(v) Madera County APCD.

(A) Rule 412.1, *Transfer of Gasoline Into Stationary Storage Containers*, submitted on October 13, 1977, is disapproved; and Rules 411, *Gasoline Storage* and 411.1, *Transfer of Gasoline Into Stationary Storage Containers*, submitted on June 30, 1972, and April 10, 1976, respectively, and previously approved under 40 CFR 52.223 are retained.

(vi) San Joaquin County APCD.

(A) Rule 411.2, Transfer of Gasoline Into Vehicle Fuel Tanks, submitted on November 4, 1977, is disapproved; and rule 411.2, submitted on February 10, 1976 and previously approved under 40 CFR 52.223, is retained.

(2) Sacramento Valley intrastate region:

(i) Sacramento County APCD.

(A) Rule 13 submitted on November 4, 1977, is disapproved.

(3) Southeast Desert Intrastate AQCR.

(i) Los Angeles County APCD.

(A) Regulation IV, rule 465, Vacuum Producing Devices or Systems, submitted on June 6, 1977, is disapproved. Rule 74 with the same title, submitted on June 6, 1977, is disapproved. Rule 69 with the same title, submitted on June 30, 1972 and approved under 40 CFR 52.223, is retained.

(ii) Riverside County APCD.

(A) Regulation IV, rule 465, Vacuum Producing Devices or Systems, submitted on June 6, 1977, is disapproved. Rule 74 with the same title, submitted on June 30, 1972 and approved under 40 CFR 52.223, is retained.

(B) Rule 461, *Gasoline Transfer and Dispensing*, submitted November 4, 1977, is disapproved. The version of this rule submitted on April 21, 1977 (same number and title), which was previously approved in 40 CFR 52.223, is retained.

(4) Great Basin Valleys Intrastate Region.

(i) Great Basin Unified APCD.

(A) Rule 418 submitted on November 4, 1977, is disapproved. Rule 418 submitted on April 21, 1976 remains in effect.

(B) Rule 419, Gasoline Loading into Stationary Tanks, submitted on June 22, 1978, is disapproved, and rule 419, submitted April 21, 1976, and previously approved in 40 CFR 52.223, is retained.

(c) The following rules and regulations are disapproved because they represent a relaxation of promulgated EPA regulations, and an adequate control strategy demonstration has not been submitted showing that the relaxation would not interfere with the attainment and maintenance of the national standrds for photochemical oxidants:

(1) Sacramento Valley Intrastate AQCR.

(i) Yolo-Solano APCD.

(A) Rules 2.21(b)(1), 2.21(b)(2), 2.21(b)(4), 2.21(b)(5) and 2.21(b)(6), submitted on June 6, 1977.

(d) Imperial County APCD Rule 415, Gasoline Loading from Tank Trucks and Trailers, submitted by the State on November 4, 1977 is approved as applicable to facilities installed after July 1, 1977. District Rule 125, Gasoline Loading into Tank Trucks and Trailers and Rule 129, Gasoline loading into Tanks, submitted on February 21, 1972 and previously approved under 40 CFR 52.223 are retained as part of the State implementation plan, as applicable to facilities installed prior to July 1, 1977.

(Secs. 107, 110, 310(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a)))

[38 FR 16564, June 22, 1973. Redesignated at 40 FR 3767, Jan. 24, 1975]

EDITORIAL NOTE: For Federal Register citations to § 52.269, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.270 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of California.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August. 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.271 Malfunction regulations.

(a) The following regulations are disapproved because they would permit the exemption of sources from the applicable emission limitations and therefore do not satisfy the enforcement imperatives of section 110 of the Clean Air Act.

(1) Amador County APCD.

(i) Rule 404, submitted on April 21, 1976.

(ii) Rule 4f, submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(2) Bay Area APCD.

(i) Regulation 2, Section 3212, and Regulation 3, Section 3203, submitted on April 21, 1976.

(ii) Regulation 2, Section 3212, submitted on February 21, 1972, and previously approved under 40 CFR 52.223 (37 FR 10842).

(3) Calaveras County APCD.

(i) Rules 110 and 402(f), submitted on July 25, 1973.

(ii) Rule 404, submitted on October 13, 1977.

(4) Colusa County APCD.

(i) Rule 4.4g, submitted on July 25, 1973, and Rule 4.4g, submitted on June 30, 1972, and previously appoved under 40 CFR 52.223 (37 FR 19812).

(5) Del Norte County APCD.

(i) Rule 540, submitted on November 10, 1976.

(ii) Rule 45, submitted on February 21, 1972, and previously approved under 40 CFR 52.223 (37 FR 10842).

(6) Fresno County APCD.

(i) Rule 110, submitted on June 30, 1972, and previously approved under 40 CFR 52.223.

(ii) Rules 110 and 402(f), submitted on October 23, 1974.

(7) Glenn County APCD.

(i) Rules 95.2 and 95.3, submitted on January 10, 1975.

(8) Great Basin Unified APCD.

(i) Rule 403, submitted on June 6, 1977.

(ii) Rule 617, submitted on November 4, 1977.

(9) Humboldt County APCD.

(i) Rule 540, Submitted on November, 10, 1976.

(ii) Rule 59, Submitted on February 21, 1972 and previously approved under 40 CFR 52.223 (37 FR 10842).

NOTE: At 46 FR 27118, May 18, 1981, the following paragraph (a) (9) was added to § 52.271 and will be correctly designated by an EPA document published in the FEDERAL REGISTER at a later date.

(9) Monterey Bay Unified APCD.

(i) Rule 214, submitted on March 4, 1980.

(ii) Rule 617, submitted on May 23, 1979.

(10) Kern County APCD.

(i) Rule 111, submitted on July 19, 1974.

(11) Kings County APDC.

(i) Rule 111, submitted on July 25, 1973, and Rule 111, submitted on July 30, 1972, and previously approved under 40 CFR 52.223.

(ii) Rule 111, submitted on November 4, 1977.

(12) Lake County APCD.

(i) Chapter III, Article I, Section 500, and Article II, Sections 510 and 511, submitted on February 10, 1977.

(ii) Part VI, Sections 1 and 2, submitted on June 30, 1972, and previously approved under 40 CFR 52.223.

(13) Los Angeles County APCD.

(i) Rule 430, submitted on June 6, 1977.

(14) Madera County APCD.

(i) Rule 402(f), submitted on January 10, 1975, and Rule 110, submitted on June 30, 1972, and previously approved under 40 CFR 52.223.

(ii) Rule 110, submitted on January 10, 1975.

(15) Mariposa County APCD.

(i) Rule 203(j), submitted on January 10, 1975, and Rule 4.3(g), submitted on February 21, 1972, and previously approved under 40 CFR 52.223.

(ii) Rule 404, submitted on June 6, 1977.

(16) Mendocino County APCD.

(i) Rule 540, submitted on November 10, 1976.

(ii) Sections 1 and 2 of Part VI, submitted on February 21, 1972, and previously approved under 40 CFR 52.223 (37 FR 10842).

(17) Merced County APCD.

(i) Rule 109, submitted on August 2, 1976.

(ii) Rule 109, submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(18) Nevada County APCD.

(i) Rule 55(f), submitted on February 21, 1972, and previously approved under 40 CFR 52.223 (37 FR 10842).

(19) Northern Sonoma County APCD.

(i) Rule 540, submitted on November 10, 1976.

(20) Placer County APCD.

(i) Rule 55(f), submitted on February 21, 1972, and previously approved under 40 CFR 52.223 (37 FR 10842).

(ii) Rule 404, submitted on October 13, 1977.

(21) Plumas County APCD.

(i) Rule 203(j), submitted on January 10, 1975.

(ii) Rule 404, submitted on June 6, 1977.

(22) Riverside County APCD.

(i) Rule 430, submitted on June 6, 1977.

(23) San Bernardino County APCD.

(i) Rule 430, submitted on June 6, 1977.

(ii) Rule 55, submitted on February 21, 1972, and previously approved under 40 CFR 52.223 (37 FR 10842).

(24) San Joaquin County APCD.

(i) Rule 110, submitted on October 23, 1974, and Rule 110, submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(25) San Luis Obispo County APCD.

(i) Rule 107, submitted on November 10, 1976.

(ii) Rule 102, submitted on February 21, 1972, and previously approved under 40 CFR 52.223 (37 FR 10842).

(26) Shasta County APCD.

(i) Rule 3:10, submitted on July 19, 1974.

(ii) Rule 3:10, submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(27) Sierra County APCD.

(i) Rule 51, submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812), and Rule 203(j), submitted on January 10, 1975, and previously approved under 40 CFR 52.223 (42 FR 23805).

(ii) Rule 404, submitted on June 6, 1977.

(28) Southern California APCD.

(i) Rule 430, submitted on February 10, 1977.

(29) Stanislaus County APCD.

(i) Rule 110, submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812), and Rule 110, submitted on July 19, 1974.

(30) Tehama County APCD.

(i) Rule 417, submitted on July 19, 1974.

(ii) Rule 4:1g, submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(31) Trinity County APCD.

(i) Rule 540, submitted on November 10, 1976.

(ii) Rule 44, submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(32) Tulare County APCD.

(i) Rules 111 and 402(f), submitted on November 10, 1976.

(33) Tuolumne County APCD.

(i) Rule 404, submitted on February 10, 1977, and Rule 402(f), submitted on June 30, 1972, and previously approved under 40 CFR 52.223.

(34) Ventura County APCD.

(i) Rule 32, submitted on July 19, 1974.

(ii) Rule 32, submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(35) Yuba County APCD.

(i) Rule 4.5, submitted on July 25, 1973.

(b) The following regulations are disapproved since they lack explicit provisions to assure that that NAAQS will not be exceeded while equipment breakdown periods are in effect.

(1) Fresno County APCD.

(i) Rules 110(B), *Variance Required*, and 519, *Emergency Variance*, submitted on January 2, 1979.

(2) Kern County APCD.

(i) Rules 111 (b), (*Equipment Breakdown*), and 519, *Emergency Variance*, submitted on January 2, 1979.

(3) Modoc County APCD.

(i) Rule 2:15, *Breakdown Conditions; Emergency Variances*, submitted on May 7, 1979.

(4) Imperial County APCD.

(i) Rule 111 (B), *Equipment Breakdown*, submitted on December 24, 1979.

(ii) Rule 517, *Emergency Variance*, submitted on December 24, 1979.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a)))

[43 FR 3277, Jan. 24, 1978]

EDITORIAL NOTE: For Federal Register citations to § 52.271, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.272 Research operations exemptions.

(a) The requirements of § 51.22 of this chapter are not met because the following regulations allow exemptions to be granted from the applicable emission limitations, thereby potentially rendering the applicable limitations unenforceable. Furthermore, the regulations are inconsistent with the Clean Air Act, because the regulations could permit violations of the National Ambient Air Quality Standards under some circumstances. Therefore, the following regulations are disapproved:

(1) Bay Area APCD.

(i) Regulation 2, Division 1, sections 1214 to 1214.3, submitted on July 25, 1973.

(ii) Regulation 3, Division 1, sections 1205 to 1205.3, submitted on July 25, 1973.

(2) El Dorado County APCD.

(i) Rule 203(D), submitted on November 4, 1977.

(3) Great Basin Unified APCD.

(i) Rule 423, submitted on November 4, 1977.

(4) Los Angeles County APCD.

(i) Rule 441, submitted on June 6, 1977.

(5) Placer County APCD.

(i) Rule 203(D), submitted on October 13, 1977.

(6) Riverside County APCD.

(i) Rule 441, submitted on June 6, 1977.

(7) Sacramento County APCD.

(i) Rule 30, submitted on January 22, 1974.

(8) San Bernardino County APCD.

(i) Rule 441, submitted on June 6, 1977.

(9) Southern California APCD.

(i) Rule 441, submitted on August 2, 1976.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a)))

[42 FR 42226, Aug. 22, 1977]

EDITORIAL NOTE: For Federal Register citations to § 52.272, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.273 Open burning.

(a) The following rules or portions of rules are disapproved because they contain exemptions to open burning (including open agricultural burning) prohibitions, that do not satisfy the requirements of section 110 of the Clean Air Act:

(1) Amador County APCD.

(i) Rules 308 and 312, submitted on April 21, 1976.

(ii) Rule 304, submitted on October 13, 1977.

(iii) Rules 302(G) and 322, submitted on October 15, 1979.

(2) Calaveras County APCD.

(i) Rules 304 and 322, submitted on October 13, 1977.

(3) Del Norte County APCD.

(i) Rule 410(c)(2) and the following portions of Regulation 2: General prohibitions (all of page 1), paragraph (f) of Article I, paragraphs (f) and (g) of Article V, and paragraph (f) of Article VI, submitted on November 10, 1976.

(4) El Dorado County APCD.

(i) Rules 302(C), 304, 307, 319, and 322, submitted on November 4, 1977.

(ii) Rules 302 (C), 318, and 321, submitted on May 23, 1979.

(5) Fresno County APCD.

(i) Rules 416.1(e)(1), (e)(3), and (e)(4), submitted on October 23, 1974.

(ii) Rule 416.1(c)(1), submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(6) Humboldt County APCD.

(i) Rule 410(c)(2) and the following portions of Regulation 2: General prohibitions (all of page 1), paragraph (f) of Article I, paragraphs (f) and (g) of Article V, and paragraph (f) of Article VI, submitted on November 10, 1976.

(ii) (A)—(C) [Reserved]

(D) Rules 312 (B) and (C), and 401 (D.1) and (D.2).

(7) Kern County APCD.

(i) Rule 417(I)(A), submitted on November 10, 1976.

(8) Madera County APCD.

(i) Rules 416.1(e)(1), (e)(3), and (e)(4), submitted on January 10, 1975.

(ii) Rule 416.1(c)(1), submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(9) Mariposa County APCD.

(i) Rules 302(C), 304, 319, and 322, submitted on June 6, 1977.

(10) Mendocino County APCD.

(i) Rule 410(c)(2) and the following portions of Regulation 2: General prohibitions (all of page 1), paragraph (f) of Article I, paragraphs (f) and (g) of Article V, and paragraph (f) of Article VI, submitted on November 10, 1976.

(11) Merced County APCD.

(i) Rule 416(h), submitted on August 2, 1976.

(ii) Rules 416.1(III)(A), (V)(A), (V)(B), (V)(C), and (V)(D), submitted on August 2, 1976. (Rule 416.1(c)(2), submitted on June 30, 1972, and previously approved, is retained. Rule 416.1(a)(1), submitted on June 30, 1972, and previously approved, is retained for the purpose of enforcing Rule 416.1(c)(2).)

(12) Monterey Bay Unified APCD.

(i) Rules 409(a), 409(a)(5), and 410(b)(1), submitted on January 10, 1975.

(13) Nevada County APCD.

(i) Rules 302(C), 307, 314, and 322, submitted on April 10, 1975.

(ii) Rules 304 and 319, submitted on June 6, 1977.

(iii) Rule 307, submitted on October 15, 1979.

(14) Northern Sonoma County APCD.

(i) Rule 410(c)(2) and the following portions of Regulation 2: General prohibitions (all of page 1), paragraph (f) of Article I, paragraphs (f) and (g) of Article V, and paragraph (f) of Article VI, submitted on November 10, 1976.

(15) Placer County APCD.

(i) Rules 302(C), 302(G), 304, 307, 314, 319, and 322, submitted on October 13, 1977.

(ii) Rules 303, 306, and 322, submitted on October 15, 1979.

(16) Plumas County APCD.

(i) Rule 314, submitted on January 10, 1975.

(ii) Rules 302(C), 304, 307, 319, and 322, submitted on June 6, 1977.

(17) Sacramento County APCD.

(i) Rule 96(a), submitted on November 10, 1976.

(ii) Rule 96(a), submitted on November 4, 1977.

(18) San Joaquin County APCD.

(i) Rule 402(e), submitted on November 10, 1976.

(ii) Rule 416.1(c)(1), submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(iii) Rules 416.1(D)(1) and (D)(2), submitted on October 23, 1974.

(19) Santa Barbara County APCD.

(i) Rules 40(4)(a) and 40(4)(1), submitted on July 25, 1973. (The analogous Rules 40(4)(a) and 40(4)(g), previously approved in the February 21, 1972 submittal, are retained.) Rule 40(4)(c), submitted on July 25, 1973, is also disapproved.

(ii) Rule 22, submitted on January 22, 1974. (The analogous Rule 22, previously approved in the February 21, 1972 submittal, is retained.) Rules 24.1 and 24.2, submitted on January 22, 1974, are also disapproved.

(20) Shasta County APCD.

(i) Rule 2:6, sections (1)(b)(iii) (a ,b, and d), (1)(c)(viii), 2(c), 3(f), 4(e), 5(c), and 5(d). (Previously approved Rule 2:6, sections (2)(c), (3)(f), and (4)(e), submitted on July 19, 1974, are retained.)

(21) Sierra County APCD.

(i) Rules 302(C), 319, and 322, submitted on June 6, 1977.

(22) Trinity County APCD.

(i) Rule 410(c)(2) and the following portions of Regulation 2: General prohibitions (all of page 1), paragraph (f) of Article I, paragraphs (f) and (g) of Article V, and paragraph (f) of Article VI, submitted on November 10, 1976.

(23) Tulare County APCD.

(i) Rule 402(e), submitted on November 10, 1976.

(ii) Section 417(III)(A), submitted on June 30, 1972, and previously approved under 40 CFR 52.223 (37 FR 19812).

(iii) Section 417.1(e)(1), (e)(3), and (e)(4), submitted on January 10, 1975.

(24) Tuolumne County APCD.

(i) Rule 322, submitted on February 10, 1977.

(25) Yolo-Solano APCD.

(i) Rules 2.8(c) (4) and (5), 6.3, and 6.5(a), submitted on July 25, 1973.

(ii) Rules 6.1(a), (e)(6), and (g), submitted on January 10, 1975. (Rules 4.1 (a) and (g), submitted on February 21, 1972, and previously approved under 40 CFR 52.223, are retained.)

(b) The following rules or portions of rules are disapproved because they relax the control on open burning (including agricultural burning) without accompanying analyses demonstrating that these relaxations will not interfere with the attainment and maintenance of the National Ambient Air Quality Standards:

(1) Del Norte County APCD.

(i) Regulation 2, Article I, paragraph (e), submitted on November 10, 1976.

(ii) Rule 410(c)(2), submitted on May 7, 1979.

(2) Fresno County APCD.

(i) Rule 416.1(c)(1), submitted on October 23, 1974.

(ii) Rule 416.1(g), submitted on November 4, 1977.

(3) Humboldt County APCD.

(i) Regulation 2, Article I, paragraph (e), submitted on November 10, 1976.

(ii) Rule 410(c)(2), submitted on May 7, 1979.

(4) Imperial County APCD.

(i) Rule 422, submitted on November 4, 1977. (The requirements of Rule 115, submitted on February 21, 1972, and previously approved under 40 CFR 52.223, are retained as applicable to the burning of wood waste.)

(ii) Regulation VII (Rules 701 to 706), submitted on November 4, 1977. (Regulation VII (Rules 200 to 206), submitted on July 25, 1973 and previously approved under 40 CFR 52.223, is retained.)

(5) Kings County APCD.

(i) Rules 416.1 and 417.1, submitted on November 4, 1977.

(6) Lake County APCD.

(i) Sections 435, 436, 1003, and 1200(A), submitted on February 10, 1977.

(ii) Section 435, submitted on January 2, 1979.

(7) Los Angeles County APCD.

(i) Rule 444, submitted on June 6, 1977. (Rules 57.1, 57.2, 57.3, and 57.4, submitted on June 30, 1972, and previously approved under 40 CFR 52.223, are retained.)

(8) Madera County APCD.

(i) Rule 416.1(c)(1), submitted on January 10, 1975.

(9) Mendocino County APCD.

(i) Regulation 2, Article I, paragraph (e), submitted on November 10, 1976.

(ii) Rule 410(c)(2), submitted on May 7, 1979.

(10) Merced County APCD.

(i) Rule 416.1(I)(A)(2), submitted on August 2, 1976.

(11) Northern Sonoma County APCD.

(i) Regulation 2, Article I, paragraph (e), submitted on November 10, 1976.

(ii) Rule 410(c)(2), submitted on may 7, 1979.

(12) San Bernardino County Desert APCD.

(i) Rule 444 and the definition of "Agricultural Burning" in Rule 102, submitted on November 4, 1977. (Rule 57, submitted on February 21, 1972, and previously approved under 40 CFR 52.223, is retained.)

(13) San Diego County APCD.

(i) Rules 102(e) and 103(g), submitted on October 13, 1977.

(14) San Luis Obispo County APCD.

(i) Rule 501(B), submitted on November 10, 1976, and Rule 501(A)(7), submitted on November 4, 1977. (Previously approved Rule 115(2), submitted on February 21, 1972, is retained.)

(15) Santa Barbara County APCD.

(i) Rules 2(b), 40(3), and 40(4)(e), submitted on July 25, 1973. (Analogous Rules 2(b), 40(3), and 40(4)(c), submitted on February 21, 1972, and previously approved, are retained.)

(16) Shasta County APCD.

(i) Rule 2:8, submitted on October 13, 1977. (Rule 2:8, submitted on July 19, 1974, and July 22, 1975, and previously approved, is retained.)

(17) Siskiyou County APCD.

(i) Rule 4.3(2), submitted on January 2, 1979.

(18) Trinity County APCD.

(i) Regulation 2, Article I, paragraph (e), submitted on November 10, 1976.

(ii) Rule 410(c)(2), submitted on May 7, 1979.

(19) Placer County APCD.

(i) Rule 316, submitted on August 21, 1979.

(ii) Rules 318 and 323, submitted on October 15, 1979.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, and 7601(a)))

[42 FR 41122, Aug. 15, 1977]

Editorial Note: For Federal Register citations to § 52.273, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.274 California air pollution emergency plan.

(a) Since the California Air Pollution Emergency Plan does not provide complete, implementable provisions for taking emission control actions necessary to prevent ambient pollutant concentrations from reaching significant harm levels, the requirements of § 51.16 of this chapter for Priority I and II areas are not met, except in the following areas:

(1) South Coast Air Quality Management District (SCAQMD).

(2) Sacramento County Air Pollution Control District.

(3) Monterey Bay Unified APCD (MBUAPCD).

(4) Santa Barbara Air Quality Management Area portion of the Santa Barbara County Air Pollution Control District.

(5) Bay Area Air Quality Management District.

(6) Ventura County Air Pollution Control District.

(7) San Diego County APCD.

(8) Los Angeles County Air Pollution Control District.

(9) Riverside County Air Pollution Control District.

(10) San Bernardino County Desert Air Pollution Control District.

(11) Imperial County Air Pollution Control District.

(12) Fresno County Air Pollution Control District.

(13) Kern County Air Pollution Control District.

(b) The requirements of § 51.16 of this chapter are met in the SCAQMD with the following exceptions: SCAQMD Regulation VII has no schedule to assure that the emission control actions are fully implementable; does not provide specific emission control actions for interdistrict coordination; has no provisions for nitrogen dioxide, particulate matter, and sulfur dioxide and particulate matter combined episodes; has no criteria or provisions to protect the eight-hour averaged carbon monoxide significant harm level; and has no provisions for implementation of abatement plans for stage 2 or 3 carbon monoxide or oxidant episodes that are attained without being predicted.

(c) *Regulation for prevention of air pollution emergency episodes—plan scheduling, interdistrict coordination, episode criteria, and declaration.* (1) The requirements of this paragraph are applicable in the SCAQMD.

(2) The owner or operator of any governmental, industrial, business, or commercial activity listed in Rules 708.1 and 708.3 of Regulation VII of the SCAQMD, as revised on May 6, 1977, shall submit a Stationary Source Curtailment Plan and/or Traffic Abatement Plan to the Administrator within sixty days after the effective date of this paragraph.

(3) The plans submitted pursuant to the requirements of this paragraph, shall be reviewed by the Administrator for approval or disapproval according to the following schedule:

(i) For sources with emissions of hydrocarbons (HC) or nitrogen oxides (NO_x) greater than or equal to 454 metric tons (500 tons) per year, or for establishments employing 400 or more employees per shift, within 45 days after receipt.

(ii) For sources with emissions of HC or NO_x greater than or equal to 91 metric tons (100 tons) per year and less than 454 metric tons (500 tons) per year, or for establishments employing more than 200 and less than 400 employees per shift, within 90 days after receipt.

(iii) For sources or establishments other than those addressed in paragraphs (c)(3) (i) through (ii) of this section, within 180 days after receipt.

(4) The owner or operator of an industrial, business, governmental or commercial establishment required to submit a plan by this paragraph shall be notified by the Administrator within thirty days after the plan has been evaluated if the plan is disapproved. Any plan disapproved by the Administrator shall be modified to overcome the disapproval and resub-

mitted to the Administrator within 30 days of the receipt of the notice of disapproval.

(5) In the event specific sources or source areas within the SCAQMD are determined to significantly contribute to a declared air pollution episode in a nearby Air Pollution Control District, emission control actions specified in Regulation VII of the SCAQMD, as revised on May 6, 1977, for that declared episode stage shall be taken in the SCAQMD to abate that episode.

(6) For the purposes of this paragraph, the following episode criteria shall apply to carbon monoxide concentrations averaged over eight hours:

(i) For stage 1, 15 parts per million.

(ii) For stage 2, 30 parts per million.

(iii) For stage 3, 40 parts per million.

(7) The provisions of SCAQMD Regulation VII, as revised on May 6, 1977, relating to carbon monoxide episodes averaged over 12 hours shall apply to carbon monoxide episodes averaged over 8 hours except that the Administrator shall provide for declaration, notification, source inspections, and termination of the episodes.

(8) Whenever the Administrator has determined that the stage 2 or 3 episode level for oxidant or carbon monoxide as specified in Rule 703 of Regulation VII of the SCAQMD, as amended May 6, 1977, is being attained or has been attained, and is predicted to remain at such level for 12 or more hours, or increase, or in the case of oxidant to reoccur within the next 24 hours, unless control actions are taken, the existence of the appropriate episode level and the location of the source-receptor areas shall be declared, and the actions specified in Rules 710(b)(1), 710(b)(2), 711(b)(1), or 711(b)(2) shall be taken by the Administrator.

(d) *Regulation for prevention of air pollution emergency episodes—nitrogen dioxide, particulate matter, and sulfur dioxide and particulate matter combined.* (1) The requirements of this paragraph are applicable in the SCAQMD.

(2) For the purposes of this regulation the following definitions apply:

(i) "Ppm" means parts per million by volume.

(ii) "COH" means coefficient of haze.

(iii) "Ugm^{3}" means micrograms per cubic meter.

(iv) "Administrator" means the Administrator of the Environmental Protection Agency or his authorized representative.

(v) "Major National Holiday" means a holiday such as Christmas, New Year's Day, or Independence Day.

(vi) "Source/Receptor Areas" are defined for each episode occurrence based on air monitoring, geographical, and meteorological factors: Source area is that area in which contaminants are discharged and a receptor area is that area in which the contaminants accumulate and are measured.

(vii) "Air Contaminants" means nitrogen dioxide, particulate matter, and/or sulfur dioxide and particulate matter combined.

(3) For the purposes of this regulation, the following episode criteria shall apply:

Contaminants	Averaging time (hours)	Stage 1	Stage 2	Stage 3
Nitrogen dioxide	1	0.6 ppm	1.2 ppm	1.6 ppm.
	24	0.15 ppm	0.3 ppm	0.4 ppm.
Particulate matter	24	3.0 COH	5.0 COH	7.0 COH.
	24	375 ugm^{-3}	625 ugm^{-3}	875 ugm^{-3}.
Sulfur dioxide and particulate matter combined	24	0.2[1]	0.8[1]	1.2[1].
	24	65,000[2]	261,000[2]	393,000[2].

[1] Product of sulfur dioxide (ppm) and particulate matter (COH).

[2] Product of sulfur dioxide (ugm^{-3}) and particulate matter (ugm^{-3}).

(4) Whenever the Administrator has determined that any episode level specified in paragraph (d)(3) of this section is being attained or has been attained, and is predicted to remain at such level for 12 or more hours, or increase, unless control actions are taken, the existence of the appropri-

ate episode level and the location of the source-receptor areas shall be declared.

(5) Whenever the available scientific and meteorological data indicate that any episode level declared by paragraph (d)(4) of this section is no longer occurring and is not predicted to immediately increase again to episode levels, such episode shall be declared terminated.

(6) The following shall be notified by the Administrator whenever an episode is predicted, attained or terminated: (i) Public officials; (ii) persons operating any facility or activity named in paragraph (d)(8) of this section; (iii) public health, safety, and emergency agencies; (iv) news media.

(7) Upon request of the Administrator, persons operating any facility or activity named in paragraph (d)(8) of this section shall install, properly maintain, and operate radio-receiving equipment with decoding device capable of receiving broadcasts of the declaration and termination of episodes required under this paragraph and instructions as to the actions to be taken.

(8) Stationary source curtailment plans and traffic abatement plans shall be prepared by industrial, business, commercial, and governmental establishments as follows:

(i) The owner or operator of any industrial, business, commercial, or governmental activity listed below shall submit to the Administrator plans to curtail operations causing stationary source air contaminants in such activity:

(A) Petroleum refinery emitting 23 metric tons (25 tons) or more per year of air contaminants.

(B) Metal-melting plant requiring molten metal temperatures in excess of 540° C (1,000° F) or metal-refining plant or metal-smelting plant, in which a total of 1,135 kilograms (2,500 pounds) or more of metal are in a molten state at any one time or are poured in any 1 hour.

(C) Fossil fuel-fired electric generating facility having a total rated capacity of 50 megawatts or more.

(D) Any facility or plant emitting 91 metric tons (100 tons) or more per year of air contaminants.

(ii) The plans required by paragraph (d)(8)(i) of this section shall include the following:

(A) A list of equipment which emits nitrogen oxides, particulate matter, and/or sulfur dioxide, including the SCAQMD permit number, the daily amount of air contaminants emitted, and a statement of the minimum time and recommended time to implement the abatement actions for each episode stage for the equipment listed and the percent reduction in emissions at each episode stage.

(B) The total number of employees at the facility during each shift on a normal weekday and on a major national holiday.

(C) The normal amount of electricity used on a normal weekday and on a major national holiday.

(D) The actions to inform employees of the procedures to be taken in the event of an episode declaration.

(E) The name and telephone numbers of the facility's episode action coordinator and alternate, who are responsible for implementation of the plan.

(F) For stage 1 episodes:

(*1*) The measures to voluntarily curtail equipment emitting air contaminants.

(*2*) The measures to curtail or postpone electrically intensive industrial operations, where feasible.

(*3*) The measures for electric utilities to import power from outside the basin to the extent feasible.

(G) For stage 2 episodes:

(*1*) The measures to curtail as much as possible, without upsetting production, equipment operations which emit air contaminants.

(*2*) The measures to postpone operations which can be postponed until after the episode.

(*3*) For fossil fuel-fired combustion sources, including electric utilities, with a heat input greater than 50 million BTU per hour:

(*i*) The measures to burn natural gas.

(*ii*) To the extent that natural gas is not available, the measures to burn fuel oil with a sulfur content of not more than 0.25 percent by weight or the measures to reduce air contaminant emissions to equivalent discharge. Any combustion source may be exempt from the provisions of this paragraph upon demonstration that fuel oil with the specified sulfur content is not available.

(*4*) For electric utilities the measures, in addition to those in paragraph (d)(8)(ii)(F)(*3*) of this section, to:

(*i*) Shift oil burning power generation to non-source areas to the maximum extent consistent with the public health, safety, and welfare.

(*ii*) Shift oil burning power generation to combined cycle gas turbine generating equipment burning fuel oil containing less than 0.15 percent sulfur to the maximum extent consistent with the public health, safety, and welfare.

(*5*) For refineries and chemical plants the measures to be taken to reduce air contaminant emissions by 20 percent without jeopardizing the public health or safety, without causing an increase in the emissions of other air contaminants, without damaging the equipment or without reducing production by more than 20 percent.

(*6*) The measures in paragraph (d)(8)(ii)(F) of this section.

(H) For stage 3 nitrogen dioxide episodes:

(*1*) The measures for petroleum refineries to reduce emissions of nitrogen dioxide by 33 percent, without damaging the equipment or increasing the emissions of other air contaminants.

(*2*) The measures in paragraph (d)(8)(ii)(G) of this section.

(*3*) A list of equipment and the permit numbers of such equipment not operated on a major national holiday.

(*4*) A statement as to whether or not the facility operates on a major national holiday.

(I) For stage 3 particulate matter episodes:

(*1*) The measures for petroleum refineries to reduce emissions of particulate matter by 33 percent, without damaging the equipment or increasing the emissions of other air contaminants.

(*2*) The measures described in paragraph (d)(8)(ii)(G) of this section.

(*3*) The measures for any facility or plant, except electrical generating facilities and petroleum refineries, normally emitting 91 metric tons (100 tons) or more per year of particulate matter to eliminate such emissions by starting no new batches, by ceasing feed of new materials, and by phasing down as rapidly as possible without damage to the equipment.

(*4*) The measures for metal melting, refining, or smelting plants to eliminate emissions of particulate matter by starting no new batches, by ceasing feed of new materials, and by phasing down as rapidly as possible without damage to the equipment.

(J) For stage 3 sulfur dioxide and particulate matter combined episodes:

(*1*) The measures described in paragraphs (d)(8)(ii) (G) and (I) of this section.

(*2*) The measures for petroleum refineries to reduce emissions of sulfur dioxide by 33 percent, without damaging the equipment or increasing the emissions of other air contaminants.

(*3*) The measures for any facility or plant, except electrical generating facilities and petroleum refineries, normally emitting 91 metric tons (100 tons) or more per year of sulfur dioxide to eliminate such emissions by starting no new batches, by ceasing feed of new materials, and by phasing down as rapidly as possible without damage to the equipment.

(K) An estimate of the resultant reduction in air contaminant emissions.

(iii) The owner or operator of any industrial, business, commercial, or governmental activity listed below shall submit to the Administrator plans to curtail or cease operations causing air contaminants from vehicle use:

(A) Operators of 50 or more fleet vehicles.

(B) Industrial, business, commercial, or governmental establishments employing more than 100 persons per shift at one business address.

(iv) The plans required by paragraph (d)(8)(iii) of this paragraph shall include the following:

(A) The total number of employees at the facility during each shift on a normal weekday and on a major national holiday.

(B) The number of motor vehicles and vehicle miles traveled for motor vehicles operated:

(*1*) By the company on company business on a normal weekday and on a major national holiday.

(*2*) By employees commuting from home to the place of business on a normal weekday and on a major national holiday.

(C) The number of parking spaces used on a normal weekday and on a major national holiday.

(D) The minimum number of motor vehicles to be operated that are necessary to protect public health or safety.

(E) The actions to inform employees of the procedures to be taken in the event of an episode declaration.

(F) The name and telephone numbers of the facility's episode action coordinator and alternate, who are responsible for implementation of the plan.

(G) For stage 1 episodes, the methods by which employers will encourage the utilization of car pools or otherwise reduce employee motor vehicle travel.

(H) For stage 2 and 3 episodes, the measures within the reasonable control of the employer to reduce the number of vehicle miles driven by employees in commuting to and from work.

(I) An estimate of the reduction in vehicle miles traveled as a result of the measures in this paragraph.

(v) Each owner or operator required to submit a plan by this paragraph shall submit to the Administrator such plan within 60 days of the effective date of this paragraph.

(vi) The plans submitted in accordance with the provisions of this paragraph shall be approved or disapproved by the Administrator according to the following schedule:

(A) For sources with emissions of air contaminants greater than or equal to 454 metric tons (500 tons) per year, or for establishments employing 400 or more employees per shift, within 45 days after receipt.

(B) For sources with emissions of air contaminants greater than or equal to 91 metric tons (100 tons) per year and less than 454 metric tons (500 tons) per year, or for establishments employing more than 200 and less than 400 employees per shift, within 90 days after receipt.

(C) For sources with emissions of air contaminants less than 91 metric tons (100 tons) per year, or for establishments employing 100 to 200 employees per shift, within 180 days after receipt.

(vii) The owner or operator required to submit a plan by this paragraph shall be notified by the Administrator within 30 days after the plan has been evaluated if the plan is disapproved. Any plan disapproved by the Administrator shall be modified to overcome this disapproval and resubmitted to the Administrator within 30 days of the receipt of the notice of disapproval.

(viii) A copy of the plan approved in accordance with the provisions of this paragraph shall be on file and readily available on the premises to any person authorized to enforce the provisions of this section.

(9) The following actions shall be taken in the source and receptor areas upon declaration of a stage 1 episode:

(i) The notifications required by paragraph (d)(6) of this section.

(ii) The Administrator shall advise the public that those individuals with special health problems should follow the precautions recommended by their physicians and health officials.

(iii) The Administrator shall advise school officials to cancel, postpone, or reschedule programs which require outdoor physical activity.

(iv) The Administrator shall request the public to stop all unnecessary driving.

(v) The Administrator shall request the public to operate all privately owned vehicles on a pool basis.

(vi) Persons operating any facility or activity named in paragraph (d)(8) of this section shall implement the appropriate plans specified in paragraph (8) for the declared stage 1 episode and air contaminant(s).

(10) The following actions shall be taken in the source and receptor areas upon declaration of a stage 2 episode:

(i) The actions described in paragraphs (d)(9) (i) through (v) of this section.

(ii) The Administrator shall request suspension of programs that involve physical exertion by participants using public parks or public recreational facilities located in receptor areas.

(iii) The burning of combustible refuse shall be postponed until the episode has been terminated.

(iv) The Administrator shall request the public to reduce the use of electricity by 10 percent.

(v) Persons operating any facility or activity named in paragraph (d)(8) of this section shall implement the appropriate plans specified in paragraph (d)(8) of this section for the declared stage 2 episode and air contaminant(s).

(11) The following actions shall be taken in the source and receptor areas upon declaration of a stage 3 episode:

(i) The actions described in paragraphs (d)(10) (i) through (iii) of this section.

(ii) The Administrator shall request the public to reduce the use of electricity by 40 percent.

(iii) Persons operating any facility or activity named in paragraph (d)(8) of this section shall implement the appropriate plans specified in paragraph (d)(8) of this section for the declared stage 3 episode and air contaminant(s).

(iv) For nitrogen dioxide, the general public, schools, industrial, business, commercial, and governmental activities throughout the District shall operate as though the day were a major national holiday.

(v) For particulate matter and/or sulfur dioxide and particulate matter combined, the Administrator shall request the public to reduce as much as possible activities causing dust emissions including agricultural operations, off-road vehicle use, and driving on unpaved roads. Construction and demolition operation shall be postponed until the episode has been terminated.

(12) In the event specific sources or source areas within the SCAQMD are determined to significantly contribute to a declared air pollution episode in a nearby Air Pollution Control District, emission control actions specified in this paragraph for that declared episode stage shall be taken in the SCAQMD to abate that episode.

(13) A source inspection plan shall be implemented by the Administrator upon the declaration of any episode stage.

(14) The Administrator shall provide for daily acquisition of forecasts of atmospheric stagnation conditions during any episode stage and updating of such forecasts at least every 12 hours.

(15) Any source that violates any requirement of this section shall be subject to enforcement action under section 113 of the Act.

(16) All submittals or notifications required to be submitted to the Administrator by this section shall be sent to:

Environmental Protection Agency, Air and Hazardous Materials Division (A-4), Attn: Air Programs Branch, 215 Fremont Street, San Francisco, Calif. 94105.

(e) The requirements of § 51.16 of this chapter are met in the Sacramento County Air Pollution Control District with the following exceptions: There are no episode criteria levels, declaration procedures, notification procedures, source inspections, emission control actions or episode termination procedures for carbon monoxide episodes based on 4- and 8-hour averaging times; communication procedures for transmitting status reports and orders as to emission control actions to be taken during an episode stage are not provided for; there are no provisions for the inspection of those sources covered under Rule 122; there is no time schedule for the Air Pollution Control Officer to initiate the call for the submittal of individual abatement plans; the requirements for the content of the abatement plans are not sufficiently specific to ensure that adequate plans are submitted; no provisions exist for the daily acquisition of atmospheric stagnation conditions; a Priority II particulate matter episode contingency plan is not provided for in the regulation.

(f) *Regulation for prevention of air pollution emergency episodes—4- and 8-hour carbon monoxide criteria levels, public announcement, source inspections, preplanned abatement strategies, acquisition of atmospheric stagnation forecasts.* (1) The requirements of this paragraph are applicable in the Sacramento County Air Pollution Control District.

(2) For the purposes of this regulation the following definitions apply:

(i) "Administrator" means the Administrator of the Environmental Protection Agency or his authorized representative.

(ii) "ppm" means parts per million by volume.

(iii) "ug/m^3" means micrograms per cubic meter.

(3) For the purposes of this paragraph, the following episode criteria shall apply:

Pollutant	Averaging time (hours)	Stage 1	Stage 2	Stage 3
Carbon monoxide	4	[1]25	[1]45	[1]60
	8	[1]15	[1]30	[1]40

[1] Parts per million by volume.

(4) The provisions of the Sacramento County Air Pollution Control District's Regulation IX, as submitted on November 4, 1977, relating to carbon monoxide episodes averaged over 1 hour shall apply to carbon monoxide episodes averaged over 4 and 8 hours except that the Administrator shall insure that declaration, notification, source inspections, and termination of such episodes will occur.

(5) Stationary source curtailment plans shall be prepared by business, commercial, industrial, and governmental establishments as follows:

(i) The owner or operator of any business, commercial, industrial, or governmental facility or activity listed below shall submit to the Administrator plans to curtail or cease operations causing stationary source air contaminants in such activity:

(A) Stationary sources which can be expected to emit 100 tons or more per year of hydrocarbons or carbon monoxide.

(ii) The plans required by paragraph (f)(5)(i)(A) of this section shall include the following information:

(A) The information requested by Regulation IX, Rule 125, section d, as submitted to the EPA on November 4, 1977.

(B) The total number of employees at the facility during each shift on a normal weekday.

(C) The amount of energy (gas, fuel oil, and electricity) used on a normal weekday.

(D) For first-stage episodes, the measures to voluntarily curtail equipment emitting air pollutants.

(E) For second-stage episodes:

(*1*) The measures to curtail, as much as possible, equipment operations that emit air pollutants specific to the type of episode and, in the case of oxidant episodes, the equipment operations that emit hydrocarbons.

(*2*) The measures to postpone operations which can be postponed until after the episode.

(F) For third-stage episodes:

(*1*) A list of equipment, with permit numbers if applicable, which can be shut down without jeopardizing the public health or safety, and an estimate of the resultant reductions in air contaminant emissions.

(*2*) A list of all equipment, with permit numbers if applicable, which must be operated to protect the public health or safety, and an estimate of the air contaminant emissions from such equipment.

(iii) Copies of the stationary source curtailment plans approved in accordance with the provisions of this paragraph shall be on file and readily available on the premises to any person authorized to enforce the provisions of this paragraph.

(6) The owner or operator of any governmental, business, commercial, or industrial activity or facility listed in paragraph (f)(5) of this section shall submit a stationary source curtailment plan to the Administrator within 60 days after promulgation of final rulemaking.

(7) The plans submitted pursuant to the requirements of this paragraph shall be reviewed by the Administrator for approval or disapproval according to the following schedule:

(i) For sources with emissions of hydrocarbons and carbon monoxide greater than or equal to 454 metric tons (500 tons) per year, within 45 days after receipt.

(ii) For sources with emissions of hydrocarbons and carbon monoxide greater than or equal to 91 metric tons (100 tons) per year and less than 454 metric tons (500 tons) per year, within 90 days after receipt.

(iii) For sources with emissions of hydrocarbons and carbon monoxide less than 91 metric tons (100 tons) per year, within 180 days after receipt.

(8) The owner or operator of any industrial, business, governmental, or commercial establishment required to submit a plan by this paragraph shall be notified by the Administrator within 30 days after the plan has been evaluated. Any plan disapproved by the Administrator shall be modified to overcome the disapproval and resubmitted to the Administrator within 30 days of receipt of the notice of disapproval.

(9) A source inspection plan shall be implemented by the Administrator upon the declaration of any episode stage, and the following facilities shall be inspected to ensure compliance:

(i) Those sources covered under Rule 122, as submitted to the EPA on November 4, 1977, as appropriate.

(10) The Administrator shall insure that forecasts of atmospheric stagnation conditions during any episode stage and updating of such forecasts are acquired.

(11) Any source that violates any requirement of this regulation shall be subject to enforcement action under section 113 of the Clean Air Act.

(12) All submittals or notifications required to be submitted to the Administrator by this regulation shall be sent to: Regional Administrator, Attn: Air and Hazardous Materials Division, Air Technical Branch, Technical Analysis Section (A-4-3) Environmental Protection Agency, 215 Fremont Street, San Francisco, CA 94105.

(g) *Regulation for the prevention of air pollution emergency episodes—Priority II particulate matter emergency episode contingency plan.* (1) The requirements of this paragraph are applicable in the Sacramento County Air Pollution Control District.

(2) For the purposes of this paragraph the following episode criteria shall apply:

Pollutant	Averaging time (hours)	Stage 1	Stage 2	Stage 3
Particulate matter	24	[1]375	[1]625	[1]875

[1] Micrograms per cubic meter.

(3) Whenever it is determined that any episode level specified in paragraph (g)(2) of this section is predicted to be attained, is being attained, or has been attained and is expected to remain at such levels for 12 or more hours, the appropriate episode level shall be declared.

(4) Whenever the available scientific and meteorological data indicate that any episode level specified in paragraph (g)(2) of this section is no longer being attained and is not predicted to increase again to episode levels, such episode shall be declared terminated.

(5) The following shall be notified whenever an episode is predicted, attained, or terminated:

(i) Public officials.

(ii) Public health, safety, and emergency agencies.

(iii) News media.

(h) The requirements of § 51.16 of this chapter are met in the MBUAPCD which the following exceptions: There is no time schedule to assure that stationary source and traffic curtailment plans are submitted and reviewed in a timely manner; curtailment plans are not sufficiently specific; there are no provisions for the acquisition of forecasts of atmospheric stagnation conditions; and adequate mandatory emission control actions are not specified for Third-Stage oxidant episodes.

(i) *Regulation for prevention of oxidant air pollution emergency episodes within the MBUAPCD.* (1) The requirements of this paragraph are applicable in the MBUAPCD.

(2) For the purposes of this regulation the following definitions apply:

(i) "Administrator" means the Administrator of the Environmental Protection Agency or his authorized representative.

(ii) "Major national holiday" means a holiday such as Christmas, New Year's Day or Independence Day.

(vi) "Regulation VII" in this paragraph means Regulation VII, "Emergencies", of the MBUAPCD, adopted May 25, 1977, and submitted to the Environmental Protection Agency as a revision to the California State Implementation Plan by the California Air Resources Board on November 4, 1977.

(3) The plans required by Rule 705(a) of Regulation VII shall include the following information in addition to that required in Rule 705(b) of Regulation VII, and shall be submitted and processed as follows:

(i) Stationary sources.

(A) The total number of employees at the facility during each shift:

(*1*) On a normal weekday.

(*2*) On a major national holiday.

(B) The amount and type of fuel used:

(*1*) On a normal weekday.

(*2*) On a major national holiday.

(C) For Third-Stage episodes:

(*1*) A list of equipment and the permit numbers of such equipment not operated on a major national holiday.

(*2*) A statement as to whether or not the facility operates on a major national holiday.

(ii) Indirect sources.

(A) The total number of employees at the facility during each shift:

(*1*) On a normal weekday.

(*2*) On a major national holiday.

(B) The number of motor vehicles and vehicle miles traveled for motor vehicles operated:

(*1*) By the company, on company business, on a normal weekday and on a major national holiday.

(*2*) By employees commuting between home and the place of business on a normal weekday and on a major national holiday.

(C) The number of parking spaces:

(*1*) Available.

(*2*) Normally used on a weekday.

(*3*) Normally used on a major national holiday.

(D) The minimum number of motor vehicles to be operated that are necessary to protect the public health or safety.

(E) For Third-Stage episodes, a statement as to whether or not the facility operates on a major national holiday.

(iii) Each owner or operator required to submit a plan as specified under Rule 705(a) of Regulation VII shall submit such plans within 60 days after promulgation of the final rulemaking.

(iv) The plans submitted in accordance with the provisions of this paragraph shall be approved or disapproved by the Administrator within 120 days after receipt.

(v) Each owner or operator required to submit a plan as specified under Rule 705(a) of Regulation VII shall be notified within 90 days after the Administrator's decision.

(vi) Any plan disapproved by the Administrator shall be modified to overcome this disapproval and resubmitted to the Administrator within 30 days of the notice of disapproval.

(vii) A copy of the plan approved in accordance with the provisions of this paragraph shall be on file and readily available on the premises to any person authorized to enforce the provisions of this section.

(4) The following actions shall be implemented by the Administrator upon declaration of a Third-Stage oxidant episode: the general public, schools, industrial, business, commercial, and governmental activities throughout the MBUAPCD shall operate as though the day were a major national holiday.

(5) The Administrator shall ensure the acquisition of forecasts of atmospheric stagnation conditions during any episode stage and updating of such forecasts.

(j) The requirements of § 51.16 of this chapter are met in the Santa Barbara Air Quality Management Area with the following exceptions:

(1) There is no time schedule to initiate the call for the submittal of individual abatement plans;

(2) The requirements for the content of the abatement plans are not sufficiently specific to insure that adequate plans are submitted;

(3) Adequate mandatory emission control actions are not provided for;

(4) There are no episode criteria levels, declaration procedures, notification procedures, source inspection procedures, emission control actions, or episode termination procedures for particulate matter episodes;

(5) There are no episode criteria levels, declaration procedures, notification procedures, source inspection procedures, emission control actions, or episode termination procedures for carbon monoxide episodes based on 4- and 8-hour averaging times for the Santa Barbara Air Quality Management Area.

(k) *Regulation for prevention of air pollution emergency episodes—preplanned abatement strategies, mandatory emission control actions, a particulate matter emergency episode contingency plan, and 4- and 8-hour carbon monoxide criteria levels.* (1) The requirements of this paragraph are applicable in the Santa Barbara Air Quality Management Area.

(2) For the purposes of this regulation the following definitions apply:

(i) "Administrator" means the Administrator of the Environmental Protection Agency or his authorized representative.

(ii) "ppm" means parts per million by volume.

(iii) "$\mu g/m^3$" means micrograms per cubic meter.

(iv) "Major national holiday" means a holiday such as Christmas or New Year's.

(3) For the purposes of this regulation, the following episode criteria levels shall apply to carbon monoxide episodes:

Pollutant	Averaging time (hours)	Parts per million (ppm)		
		Stage 1	Stage 2	Stage 3
Carbon Monoxide	4	25	45	60
	8	15	30	40

(4) The provisions of the Santa Barbara County Air Pollution Control District's Regulation VII, as submitted on July 19 and October 23, 1974, relating to carbon monoxide episodes averaged over 1 hour shall apply to carbon monoxide episodes averaged over 4 and 8 hours except that the Administrator shall insure that declaration procedures, notification procedures, source inspections, and termination of such episodes occur.

(5) Stationary source curtailment plans and traffic abatement plans shall be prepared by business, commercial, industrial, and governmental establishments in the Santa Barbara Air Quality Management Area as follows:

(i) The owner or operator of any business, commercial, industrial, or governmental facility or activity listed below shall submit to the Administrator plans to curtail or cease oprations causing stationary source air contaminants in such activity:

(A) Stationary sources which can be expected to emit 100 tons or more per year of hydrocarbons, nitrogen oxides, carbon monoxide or particulate matter.

(ii) The plans required by paragraph (k)(5)(i)(A) of this section shall include the following information:

(A) The information requested by the California Air Resources Board's Criteria for Approval of Air Polution Emergency Abatement Plans (Executive Order G-63).

(B) The total number of employees at the facility during each shift on a normal weekday and on a major national holiday.

(C) The amount of energy (gas, fuel oil and electricity) used on a normal weekday and on a major national holiday.

(D) For first-stage episodes, the measures to voluntarily curtail equipment emitting air pollutants.

(E) For second-stage episodes:

(*1*) The measures to curtail as much as possible, without damaging any equipment used for production or distribution, equipment operations that emit air pollutants specific to the type of episode and, in the case of oxidant episodes, the equipment operations that emit hydrocarbons and nitrogen oxides.

(*2*) The measures to postpone operations which can be postponed until after the episode.

(*3*) The measures described in paragraph (k)(5)(ii)(D) of this section.

(F) For third-stage episodes:

(*1*) A list of equipment, with permit numbers if applicable, which can be shut down without jeopardising the public health, welfare, or safety, and without damaging any equipment used for production or distribution, and an estimate of the resultant reductions in hydrocarbons, nitrogen oxides, carbon monoxide, and particulate matter emissions.

(*2*) A list of all equipment, with permit numbers if applicable, which must be operated to protect the public health or safety, and an estimate of the hydrocarbons, nitrogen oxides, carbon monoxide, and particulate matter emissions from such equipment.

(*3*) The measures described in paragraph (k)(5)(ii)(E) of this section.

(iii) The owner or operator of any industrial, business, commercial, or governmental facility or activity listed below shall submit to the Administrator plans to curtail or cease operations causing air contaminants from vehicle use:

(A) Operators of 50 or more fleet vehicles.

(B) Industrial, business, commercial or governmental establishments employing more than 100 persons per shift at one business address.

(iv) The plans required by paragraphs (k)(5)(iii) (A) and (B) of this section shall include the following information:

(A) The information requested in the California Air Resources Board's Criteria for Approval of Air Pollution Emergency Abatement Plans (Executive Order G-63).

(B) The total number of employees at the facility during each shift.

(C) The total number of motor vehicles and vehicle miles traveled for motor vehicles operated:

(*1*) By the company on company business on a normal weekday and on a major national holiday.

(*2*) By employees commuting between home and the place of business on a normal weekday and on a major national holiday.

(*3*) The minimum number of motor vehicles to be operated that are necessary to protect public health or safety.

(6) A copy of the stationary source curtailment and/or traffic abatement plans approved in accordance with the provisions of this paragraph shall be on file and readily available on the premises to any person authorized to enforce the provisions of this paragraph.

(7) The owner or operator of any governmental, business, commercial, or industrial activity or facility listed in paragraph (k)(5) of this section shall submit a stationary source curtailment plan and/or traffic abatement plan to the Administrator within 60 days after promulgation of final rulemaking.

(8) The plans submitted pursuant to the requirements of this paragraph shall be reviewed by the Administrator for approval or disapproval according to the following schedule:

(i) For sources with emissions of hydrocarbons, carbon monoxide, nitrogen oxides or particulate matter greater than or equal to 454 metric tons (500 tons) per year, or for establishments employing 400 or more employees per shift, within 45 days after receipt.

(ii) For sources with emissions of hydrocarbons, nitrogen oxides, carbon monoxide or particulate matter greater than or equal to 91 metric tons (100 tons) per year and less than 454 metric tons (500 tons) per year, or for establishments employing more than 200 and less than 400 employees per shift, within 90 days after receipt.

(iii) For sources with emissions of hydrocarbons, nitrogen oxides, carbon monoxide or particulate matter less than 91 metric tons (100 tons) per year, or for establishments employing 100 to 200 employees per shift, within 180 days after receipt.

(9) The owner or operator of any industrial, business, governmental or commercial establishment required to submit a plan by this paragraph shall be notified by the Administrator within 30 days after the plan has been evaluated as to whether the plan has been approved or disapproved. Any plan disapproved by the Administrator shall be modified to overcome the disapproval and resubmitted to the Administrator within 30 days of receipt of the notice of disapproval.

(10) Any source that violates any requirement of this regulation shall be subject to enforcement action under section 113 of the Act.

(11) All submittals or notifications required to be submitted to the Administrator by this regulation shall be sent to: Regional Administrator, Attn: Air and Hazardous Materials Division, Air Technical Branch, Technical Anal-

ysis Section (A-4-3), Environmental Protection Agency, 215 Fremont Street, San Francisco, CA 94105.

(12) For the purposes of this regulation the following episode criteria shall apply to particulate matter episodes:

Pollutant	Averaging time (hours)	Micrograms per cubic meter ($\mu g/m^3$)		
		Stage 1	Stage 2	Stage 3
Particulate matter	24	375	625	875

(13) The provisions of the Santa Barbara County Air Pollution Control District's Regulation VII, as submitted on July 19 and October 23, 1974, relating to episodes for carbon monoxide and photochemical oxidants averaged over 1 hour shall apply to particulate matter episodes averaged over 24 hours except that the Administrator shall insure that declaration procedures, notification procedures, source inspections, and termination of such episodes occur.

(14) The Administrator shall insure that the following actions will be taken in the Santa Barbara Air Quality Management Area in the source and receptor areas on the declaration of a Stage 1, Stage 2, or Stage 3 episode for particulate matter, carbon monoxide or photochemical oxidants:

(i) For a Stage 1 or Stage 2 episode:

(A) Persons operating any facility or activity named in paragraph (k)(5) of this section shall implement the appropriate plans submitted in accordance with paragraph (k)(5) of this section for the declared Stage 1 or Stage 2 episode for the appropriate air contaminants(s).

(ii) For a Stage 3 episode:

(A) The general public, schools, industrial, business, commercial, and governmental activities throughout the Santa Barbara Air Quality Management Area shall operate as though the day were a major national holiday.

(l) The requirements of § 51.16 of this chapter are met in the San Diego County APCD with the following exceptions: There are no 4- and 8-hour carbon monoxide episode criteria levels, or episode actions applicable to those levels; there is no provision to insure the inspection of large facilities or operations which are subject to mandatory traffic abatement measures to insure compliance with applicable emission control action requirements; and there is no Priority II contingency plan for particulate matter episodes.

(m) *Regulations for prevention of carbon monoxide (CO) and oxidant (Ox) air pollution emergency episodes within the San Diego County APCD.* (1) The requirements of this paragraph are applicable in the San Diego County APCD.

(2) For the purposes of this regulation the following definitions apply:

(i) "Administrator" means the Administrator of the Environmental Protection Agency or his authorized representative.

(ii) "Regulation VIII" in this paragrah means Regulation VIII, San Diego Air Pollution Emergency Plan, adopted May 25, 1977 and submitted to the Environmental Protection Agency as a revision to the California State Implementation Plan by the California Air Resources Board on October 13, 1977.

(iii) "ppm" means parts per million by volume.

(3) For the purposes of this regulation, the following episode criteria shall apply:

Pollutant	Averaging time (hours)	Parts per million (ppm)		
		Stage 1	Stage 2	Stage 3
Carbon	4	25	45	60
Monoxide (CO)	8	15	30	40

(4) The provisions of the San Diego County APCD's Regulation VIII and Appendix A, as submitted on October 13, 1977, relating to CO episodes averaged over 1 hour shall apply to CO episodes averaged over 4 and 8 hours, except that the Administrator shall provide for declaration, notification, source inspections, and termination of such episodes.

(5) In the event of a second- or third-stage episode for Ox or for CO, the Administrator shall ensure the inspection of large facilities or operations listed under Rule 132(b) of Regulation

VIII which are subject to mandatory traffic abatement measures pursuant to Rule 130 of Regulation VIII during the time curtailment is required in order to insure compliance and to determine the effects of compliance.

(n) *Regulation for the prevention of particulate matter (TSP) air pollution emergency episodes.* (1) The requirements of this paragraph are applicable in the San Diego County APCD.

(2) For the purposes of this regulation the following definitions apply:

(i) "Administrator" means the Administrator of the Environmental Protection Agency or his authorized representative.

(ii) "Regulation VIII" in this paragraph means Regulation VIII, San Diego Air Pollution Emergency Plan, adopted May 25, 1977 and submitted to the Environmental Protection Agency as a revision to the California State Implementation Plan by the California Air Resources Board on October 13, 1977.

(iii) "$\mu g/m^3$" means micrograms per cubic meter.

(3) For the purposes of this regulation, the following criteria shall apply:

Pollutant	Averaging time (hours)	Micrograms per cubic meter ($\mu g/m^3$)		
		Stage 1	Stage 2	Stage 3
Particulate matter (TSP)	24	375	625	875

(4) Whenever it is determined that any episode level specified in paragraph (n)(3) of this section is predicted to be attained or has been attained, and is expected to remain at such levels for 12 or more hours, or to increase, the existence of the appropriate episode level and the location of the source and receptor areas shall be declared.

(5) Whenever the available scientific and meterological data indicate that any episode level declared by paragraph (n)(3) of this section is no longer occurring and is not predicted to immediately increase again to episode levels, such episode shall be declared terminated.

(6) The following shall be notified whenever a TSP episode is predicted, attained, or terminated:

(i) Public officials.

(ii) Public health, safety, and emergency agencies.

(iii) News media.

(iv) The general public.

(o) The requirements of this chapter are met in the Los Angeles County, San Bernardino County Desert, Riverside County, and Imperial County Air Pollution Control Districts with the following exceptions:

(1) There is no time schedule to initiate the call for the submittal or the review of individual abatement plans from major stationary sources, as defined by section 169(1) of the Act;

(2) The requirements for the content of the stationary source curtailment plans are not sufficiently specific to ensure that adequate plans are submitted; and

(3) There are no episode criteria levels for particulate matter.

(p) *Regulation for prevention of air pollution emergency episodes—requirements for stationary source curtailment plans and particulate matter episodes.* (1) The requirements of this paragraph are applicable in the Los Angeles County, Riverside County, San Bernardino County Desert and Imperial County Air Pollution Control Districts.

(2) For the purposes of this regulation, the following definitions apply:

(i) "Administrator" means the Administrator of the Environmental Protection Agency or his authorized representative.

(ii) "ug/m^3" means micrograms per cubic meter.

(iii) "Major national holiday" means a holiday such as Christmas or New Year's Day.

(3) Stationary source curtailment plans shall be prepared by major stationary sources, as defined by section 169(1) of the Act:

(i) The plans required by this paragraph shall include the following information:

(A) The information requested in the California Air Resources Board's Criteria for Approval of Air Pollution Emergency Abatement Plans (Executive Order G-63).

(B) The total number of employees at the facility during each work shift on a normal weekday and on a major national holiday.

(C) The amount of energy (gas, fuel oil, and electricity) used on a normal weekday and on a major national holiday.

(D) For first-stage episodes:

(*1*) The measures to voluntarily curtail equipment emitting air pollutants.

(E) For second-stage episodes:

(*1*) The measures to curtail, as much as possible, equipment operations that emit air pollutants specific to the type of episode and, in the case of oxidant episodes, the equipment operations that emit hydrocarbons and nitrogen oxides.

(*2*) The measures to postpone operations which can be postponed until after the episode.

(F) For third-stage episodes:

(*1*) A list of equipment, with permit numbers if applicable, which can be shut down without jeopardizing the public health or safety, and an estimate of the resultant reductions in hydrocarbons, nitrogen oxides, and particulate matter emissions.

(*2*) A list of all equipment, with permit numbers if applicable, which must be operated to protect the public health or safety, and an estimate of the hydrocarbons, nitrogen oxides and particulate matter emissions from such equipment.

(4) A copy of the stationary source curtailment plan approved in accordance with the provisions of this paragraph shall be on file and readily available on the premises to any person authorized to enforce the provisions of this paragraph.

(5) The owner or operator of any governmental, business, commercial, or industrial activity or facility listed in paragraph (p)(3) of this section shall submit a stationary source curtailment plan to the Administrator within 60 days after promulgation of final rulemaking.

(6) The plans submitted pursuant to the requirements of this paragraph shall be reviewed by the Administrator within 90 days.

(7) The owner or operator of any major stationary source required to submit a plan by this paragraph shall be notified by the Administrator within 30 days after the plan has been evaluated as to whether the plan has been approved or disapproved. Any plan disapproved by the Administrator shall be modified to overcome the disapproval and resubmitted to the Administrator within 30 days of receipt of the notice of disapproval.

(8) All submittals or notifications required to be submitted to the Administrator by this regulation shall be sent to:

Regional Administrator, Attn: Air and Hazardous Materials Division, Air Technical Branch, Technical Analysis Section (A-4-3), Environmental Protection Agency, 215 Fremont Street, San Francisco CA 94105.

(9) Any source that violates any requirement of this regulation shall be subject to enforcement action under section 113 of the Act.

(10) For the purposes of this regulation the following episode criteria shall apply to particulate matter episodes:

Pollutant	Averaging time (hours)	µg/m³		
		Stage 1	Stage 2	Stage 3
Particulate matter	24	375	625	875

(q) The requirements of § 51.16 of this chapter are met in the Fresno County Air Pollution Control District, with the following exceptions: There are no episode criteria levels, declaration procedures, notification procedures, source inspection procedures, emission control actions, or episode termination procedures for carbon monoxide episodes based on 4- and 8-hour averaging times, or for particulate matter emergency episodes based on 24-hour averaging times; there is no time schedule to initiate the call for the submittal of individual abatement plans; the requirements for the content of the abatement plans are not sufficiently specific to ensure the adequate plans are submitted; there are no provisions for requiring abatement plans from operations which attract large numbers of motor vehicles with their related emissions; the Stage 3 photochemical oxidants (ozone) criterion level equals the Federal significant harm level; there are no provisions for adequate mandatory emission control actions.

(r) *Regulation for prevention of air pollution emergency episodes—4- and 8-hour carbon monoxide criteria levels, mandatory emission control actions, preplanned abatement strategies, and a Priority I particulate matter emergency episode contingency plan.* (1) The requirements of this paragraph are applicable in the Fresno County Air Pollution Control District.

(2) For the purposes of this regulation the following definitions apply:

(i) "Administrator" means the Administrator of the Environmental Protection Agency or his authorized representative.

(ii) "ppm" means parts per million by volume.

(iii) "μg/m^3" means micrograms per cubic meter.

(iv) "Major national holiday" means a holiday such as Christmas or New Year's Day.

(3) For the purposes of this regulation, the following episode criteria shall apply to carbon monoxide episodes:

Pollutant	Averaging time (hours)	Stage 1 (ppm)	Stage 2 (ppm)	Stage 3 (ppm)
Carbon monoxide	4	25	45	60
	8	15	30	40

(4) The provisions of the Fresno County Air Pollution Control District's Regulation VI, as submitted on October 23, 1974, relating to carbon monoxide episodes averaged over 1 hour shall apply to carbon monoxide episodes averaged over 4 and 8 hours except that the Administrator shall insure that declaration procedures, notification procedures, source inspections, and termination of such episodes occur.

(5) Stationary source curtailment plans and traffic abatement plans shall be prepared by business, commercial, industrial, and governmental establishments in Fresno County as follows:

(i) The owner or operator of any business, commercial, industrial, or governmental stationary source which can be expected to emit 100 tons or more per year of carbon monoxide, hydrocarbons, or particulate matter shall submit to the Administrator plans to curtail or cease operations causing stationary source air contaminants in such activity:

(ii) The plans required by paragraph (r)(5)(i) of this section shall include the following information:

(A) The information requested in the California Air Resources Board's "Criteria for Approval of Air Pollution Emergency Abatement Plans" (Executive Order G-63).

(B) The total number of employees at the facility during each shift on a normal weekday and on a major national holiday.

(C) The amount of energy (gas, fuel oil, and electricity) used on a normal weekday and on a major national holiday.

(D) For first-stage episodes, the measures to voluntarily curtail equipment emitting air pollutants.

(E) For second-stage episodes:

(*1*) The measures to curtail, as much as possible, equipment operations that emit air pollutants specific to the type of episode and, in the case of oxidant episodes, the equipment operations that emit hydrocarbons or nitrogen oxides.

(*2*) The measures to postpone operations which can be postponed until after the episode.

(F) For third-stage episodes:

(*1*) A list of equipment, with permit numbers if applicable, which can be shut down without jeopardizing the public health or safety, and an estimate of the resultant reductions in carbon monoxide, hydrocarbons, nitrogen oxides, and particulate matter emissions.

(*2*) A list of all equipment, with permit numbers if applicable, which must be operated to protect the public health or safety, and an estimate of the carbon monoxide, hydrocarbons, nitrogen oxides, and particulate matter emissions from such equipment.

(iii) The owner or operator of any industrial, business, commercial, or governmental facility or activity employing more than 100 persons per shift at any one business address shall submit to the Administrator plans to curtail or cease operations causing air contaminants from vehicle use.

(iv) The plans required by paragraph (r)(5)(iii) of this section shall include the following information:

(A) The information requested in the California Air Resources Board's "Criteria for Approval of Air Pollution Emergency Abatement Plans" (Executive Order G-63).

(B) The total number of employees at the facility during each shift.

(C) The total number of motor vehicles and vehicle miles traveled for motor vehicles operated:

(*1*) By the company on company business on a normal weekday and a major national holdiay.

(*2*) By employees commuting between home and the place of business on a normal weekday and a major national holiday.

(*3*) The minimum number of motor vehicles to be operated that are necessary to protect public health or safety.

(6) A copy of the stationary source curtailment and/or traffic abatement plans approved in accordance with the provisions of this paragraph shall be on file and readily available on the premises to any person authorized to enforce the provisions of this paragraph.

(7) The owner or operator of any governmental, business, commercial, or industrial activity or facility listed in paragraph (r)(5) of this section shall submit a stationary source curtailment plan and/or traffic abatement plan to the Administrator within 60 days after promulgation of final rulemaking.

(8) The plans submitted pursuant to the requirements of this paragraph shall be reviewed by the Administrator for approval or disapproval according to the following schedule:

(i) For sources with emissions of hydrocarbons, carbon monoxide, or particulate matter greater than or equal to 454 metric tons (500 tons) per year, or for establishments employing 400 or more employees per shift, within 45 days after receipt.

(ii) For sources with emissions of hydrocarbons, carbon monoxide, or particulate matter greater than or equal to 91 metric tons (100 tons) per year and less than 454 metric tons (500 tons) per year, or for establishments employing more than 200 and less than 400 employees per shift, within 90 days after receipt.

(iii) For establishments employing 100 to 200 employees per shift, within 180 days after receipt.

(9) The owner or operator of any industrial, business, governmental or commercial establishment required to submit a plan by this paragraph shall be notified by the Administrator within 30 days after the plan has been evaluated as to whether the plan has been approved or disapproved. Any plan disapproved by the Administrator shall be modified to overcome the disapproval and resubmitted to the Administrator within 30 days of receipt of the notice of disapproval.

(10) Any source that violates any requirement of this regulation shall be subject to enforcement action under section 113 of the Act.

(11) All submittals or notifications required to be submitted to the Administrator by this regulation shall be sent to:

Regional Administrator, ATTN: Air and Hazardous Materials Division, Air Technical Branch, Technical Analysis Section (A-4-3), Environmental Protection Agency, 215 Fremont Street, San Franscisco, CA 94105.

(12) For the purposes of this regulation the following episode criteria shall apply to particulate matter episodes and Stage 3 photochemical oxidants episodes:

Pollutant	Averaging time (hours)	µg/m³		
		Stage 1	Stage 2	Stage 3
Particulate matter	24	375	625	875
Photochemical oxidants	1			[1]0.5

[1] Parts per million.

(13) The Fresno County Air Pollution Control District's Regulation VI, as submitted on October 23, 1974, relating to episodes for carbon monoxide and photochemical oxidants averaged over 1 hour, shall apply to particular matter episodes averaged over 24 hours, except that the Administrator shall insure that declaration procedures, notification procedures, source

inspections, and termination of such episodes occur.

(14) The Administrator shall insure that the following actions will be taken in the source and receptor areas on the declaration of a Stage 1, Stage 2 or Stage 3 episode:

(i) For a Stage 1 or Stage 2 episode:

(A) Persons operating any facility or activity named in paragraph (r)(5) of this section shall implement the appropriate plans submitted in accordance with subparagraph (5) of the declared Stage 1 or Stage 2 episode for the appropriate air contaminant(s).

(ii) For a Stage 3 episode:

(A) The general public, schools, industrial, business, commercial, and governmental activities throughout Fresno County shall operate as though the day were a major national holiday.

(s) The requirements of § 51.16 of this chapter are met in the Kern County Air Pollution Control District, with the following exceptions: There are no episode criteria levels, declaration procedures, notification procedures, source inspection procedures, emission control actions, or episode termination procedures for carbon monoxide episodes based on 4- and 8-hour averaging times, or for particulate matter emergency episodes based on 24-hour averaging times; there is no time schedule to initiate the call for the submittal of individual abatement plans; the requirements for the content of the abatement plans are not sufficiently specific to ensure that adequate plans are submitted; there are no provisions for requiring abatement plans from operations which attract large numbers of motor vehicles with their related emissions; the Stage 3 photochemical oxidants criterion level equals the Federal significant harm level; there are no provisions for adequate mandatory emission control actions.

(t) *Regulation for prevention of air pollution emergency episodes—4- and 8-hour carbon monoxide criteria levels, mandatory emission control actions, preplanned abatement strategies, and a Priority I particulate matter emergency episode contingency plan.* (1) The requirements of this paragraph are applicable in the Kern County Air Pollution Control District.

(2) For the purposes of this regulation the following definitions apply:

(i) "Administrator" means the Administrator of the Environmental Protection Agency or his authorized representative.

(ii) "ppm" means parts per million by volume.

(iii) "$\mu g/m^3$" means micrograms per cubic meter.

(iv) "Major national holiday" means a holiday such as Christmas or New Year's Day.

(3) For the purposes of this regulation the following episode criteria shall apply to carbon monoxide episodes:

Pollutant	Averaging time (hours)	Stage 1 (ppm)	Stage 2 (ppm)	Stage 3 (ppm)
Carbon monoxide	4 8	25 15	45 30	60 40

(4) The provisions of the Kern County Air Pollution Control District's Regulation VI, as submitted on July 19, 1974, relating to carbon monoxide episodes averaged over 1 hour shall apply to carbon monoxide episodes averaged over 4 and 8 hours except that the Administrator shall insure that declaration procedures, notification procedures, source inspections, and termination of such episodes occur.

(5) Stationary source curtailment plans and traffic abatement plans shall be prepared by business, commercial, industrial, and governmental establishments in Kern County as follows:

(i) The owner or operator of any business, commercial, industrial, or governmental stationary source which can be expected to emit 100 tons or more per year of carbon monoxide, nitrogen oxides, hydrocarbons, or particulate matter shall submit to the Administrator plans to curtail or cease operations causing stationary source air contaminants in such activity:

(ii) The plans required by paragraph (t)(5)(i) of this section shall include the following information:

(A) The information requested in the California Air Resources Board's "Criteria for Approval of Air Pollution Emergency Abatement Plans" (Executive Order G-63).

(B) The total number of employees at the facility during each shift on a normal weekday and on a major national holiday.

(C) The amount of energy (gas, fuel oil, and electricity) used on a normal weekday and on a major national holiday.

(D) For first-stage episodes, the measures to voluntarily curtail equipment emitting air pollutants.

(E) For second-stage episodes:

(*1*) The measures to curtail, as much as possible, equipment operations that emit air pollutants specific to the type of episode and, in the case of oxidant episodes, the equipment operations that emit hydrocarbons or nitrogen oxides.

(*2*) The measures to postpone operations which can be postponed until after the episode.

(*3*) For fossil fuel-fired combustion sources, including electric utilities, with a heat input greater than 50 million BTU per hour, the measure to burn natural gas.

(*4*) For electric utilities, the measures, in addition to those in paragraph (t)(5)(i)(E)(*3*) of this section, to:

(*i*) Shift oil-burning power generation to non-source areas to the maximum extent consistent with the public health, safety, and welfare.

(*5*) For refineries, mineral processing plants, and chemical plants, the measures to be taken to reduce emissions by 20 percent by curtailing equipment operations that emit air pollutants specific to the type of episode and, in the case of oxidant episodes, the equipment operations that emit hydrocarbons or nitrogen oxides, without jeopardizing the public welfare, health, or safety, without causing an increase in the emissions of other air contaminants, without damaging equipment, and without reducing production by more than 20 percent.

(*6*) The measures in paragraph (t)(5)(ii)(D) of this section.

(F) For third-stage episodes:

(*1*) A list of equipment, with permit numbers if applicable, which can be shut down without jeopardizing the public health or safety, and an estimate of the resultant reductions in carbon monoxide, hydrocarbons, nitrogen oxides, and particulate matter emissions.

(*2*) A list of all equipment, with permit numbers if applicable, which must be operated to protect the public health or safety, and an estimate of the carbon monoxide, hydrocarbons, nitrogen oxides, and particulate matter emissions from such equipment.

(*3*) The measures for chemical plants, petroleum refineries, and mineral processing plants to reduce emissions by 33 percent by curtailing equipment operations that emit air pollutants specific to the type of episode and, in the case of oxidant episodes, the equipment operations that emit hydrocarbons or nitrogen oxides, without damaging the equipment or increasing the emissions of other air contaminants.

(*4*) The measures described in paragraph (t)(5)(ii)(E) of this section.

(*5*) The measures for stationary sources (other than petroleum refineries, chemical plants, and mineral processing plants) which emit 100 tons or more per year of air contaminants to eliminate emissions specific to the type of episode and, in the case of oxidant episodes, the measures to eliminate hydrocarbons and nitrogen oxides by starting no new batches, by ceasing feed of new materials, and by phasing down as rapidly as possible without damage to the equipment.

(iii) The owner or operator of any industrial, business, commercial, or governmental facility or activity employing more than 100 persons per shift at any one business address shall submit to the Administrator plans to curtail or cease operations causing air contaminants from vehicle use.

(iv) The plans required by paragraph (t)(5) (iii) of this section shall include the following information:

(A) The information requested in the California Air Resources Board's "Criteria for Approval of Air Pollution Emergency Abatement Plans" (Executive Order G-63).

(B) The total number of employees at the facility during each shift.

(C) The total number of motor vehicles and vehicle miles traveled for motor vehicles operated:

(*1*) By the company on company business on a normal weekday and a major national holiday.

(*2*) By employees commuting between home and the place of business on a normal weekday and a major national holiday.

(*3*) The minimum number of motor vehicles to be operated that are necessary to protect public health or safety.

(6) A copy of the stationary source curtailment and/or traffic abatement plans approved in accordance with the provisions of this paragraph shall be on file and readily available on the premises to any person authorized to enforce the provisions of this paragraph.

(7) The owner or operator of any governmental, business, commercial, or industrial activity or facility listed in paragraph (t)(5) of this section shall submit a stationary source curtailment plan and/or traffic abatement plan to the Administrator within 60 days after promulgation of final rulemaking.

(8) The plans submitted pursuant to the requirements of this paragraph shall be reviewed by the Administrator for approval or disapproval according to the following schedule:

(i) For sources with emissions of hydrocarbons, nitrogen oxides, carbon monoxide, or particulate matter greater than or equal to 454 metric tons (500 tons) per year, or for establishments employing 400 or more employees per shift, within 45 days after receipt.

(ii) For sources with emissions of hydrocarbons, nitrogen oxides, carbon monoxide, or particulate matter greater than or equal to 91 metric tons (100 tons) per year and less than 454 metric tons (500 tons) per year, or for establishments employing more than 200 and less than 400 employees per shift, within 90 days after receipt.

(iii) For establishments employing 100 to 200 employees per shift, within 180 days after receipt.

(9) The owner or operator of any industrial, business, governmental, or commercial establishment required to submit a plan by this paragraph shall be notified by the Administrator within 30 days after the plan has been evaluated, as to whether the plan has been approved or disapproved. Any plan disapproved by the Administrator shall be modified to overcome the disapproval and resubmitted to the Administrator within 30 days of receipt of disapproval.

(10) Any source that violates any requirement of this regulation shall be subject to enforcement action under section 113 of the Act.

(11) All submittals or notifications required to be submitted to the Administrator by this regulation shall be sent to:

Regional Administrator, ATTN: Air and Harardous Materials Division, Air Technical Branch, Technical Analysis Section (A-4-3), Environmental Protection Agency, 215 Fremont Street, San Francisco, CA 94105.

(12) For the purposes of this regulation, the following episode criteria shall apply to particulate matter episodes and Stage 3 photochemical oxidants episodes:

Pollutant	Averagiong time (hours)	µg/m³		
		Stage 1	Stage 2	Stage 3
Particulate matter	24	375	625	875
Photochemical oxidants	1			[1]0.5

[1] Parts per million.

(13) The Kern County Air Pollution Control District's Regulation VI, as submitted on July 19, 1974, relating to episodes for carbon monoxide and photochemical oxidants averaged over 1 hour, shall apply to particulate matter episodes averaged over 24 hours, except that the Administrator shall insure that declaration procedures, notification procedures, source inspections, and termination of such episodes occur.

(14) The Administrator shall insure that the following actions will be taken in the source and receptor areas on the declaration of a Stage 1, Stage 2, or Stage 3 episode:

(i) For a Stage 1 or Stage 2 episode:

(A) Persons operating any facility or activity named in paragraph (t)(5) of this section shall implement the appropriate plans submitted in accordance with subparagraph (5) of the declared Stage 1 or Stage 2 episode for the appropriate air contaminants.

(ii) For a Stage 3 episode:

(A) The general public, schools, industrial, business, commercial, and governmental activities throughout Kern County shall operate as though the day were a major national holiday.

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410 and 7601(a)))

[43 FR 22721, May 26, 1978]

EDITORIAL NOTE: For Federal Register citations to § 52.274, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: At 47 FR 26619, June 21, 1982, paragraphs (j) through (o), and (s) and (t) were removed from § 52.274, effective August 20, 1982.

§ 52.275 Particulate matter control.

(a) The following rules or portions of rules are retained because they control emissions of particulate matter, and because there is no demonstration that their deletion would not interfere with the attainment and maintenance of the national standards for particulate matter:

(1) Lake County APCD.

(i) Part III-50 and Part V-1B, submitted on October 23, 1974, and previously approved under 40 CFR 52.223.

(2) San Luis Obispo County APCD.

(i) Rule 113, submitted on February 21, 1972, and previously approved under 40 CFR 52.223.

(b) The following regulations are disapproved because they relax the control on particulate matter emissions without any accompanying analyses demonstrating that these relaxations will not interfere with the attainment and maintenance of the National Ambient Air Quality Standards.

(1) Amador County APCD.

(i) Rules 211 and 212, submitted on April 21, 1976. (Regulation V, Rules 13 and 14, submitted on June 30, 1972, and previously approved, are retained.)

(ii) Rules 207 and 212, submitted on October 13, 1977. (The analogous Rules 10 and 14 of Regulation V, submitted on June 30, 1972, and previously approved, are retained and shall remain in effect for Federal enforcement purposes.)

(2) Calaveras County APCD.

(i) Rule 211, submitted on October 13, 1977. (Rule 211, submitted on july 22, 1975, and previously approved, is retained and shall remain in effect for Federal enforcement purposes.)

(3) Del Norte County APCD.

(i) Rules 410(c)(7) and 420(e), submitted on November 10, 1976.

(ii) Rules 420(e) and (f), submitted on November 4, 1977.

(4) El Dorado County APCD.

(i) Rule 212, submitted on April 10, 1975, and Rule 211, submitted on August 2, 1976. (The analogous Rule 55, submitted on February 21, 1972, and previously approved, is retained and shall remain in effect for Federal enforcement purposes.)

(5) Humbolt County APCD.

(i) Rules 410(c)(7) and 420(e), submitted on November 10, 1976.

(ii) Rules 420(e) and (f), submitted on November 4, 1977.

(6) Mariposa County APCD.

(i) Rule 211, submitted on June 6, 1977. (Rule 211, submitted on January 10, 1975, and previously approved, is retained and shall remain in effect for Federal enforcement purposes.)

(7) Mendocino County APCD.

(i) Rule 410(c)(7), submitted on November 10, 1976.

(ii) Rules 420(e) and (f), submitted on November 4, 1977.

(8) Nevada County APCD.

(i) Rule 212, submitted on April 10, 1975, and Rule 211, submitted on April 21, 1976. (Rule 52.1, submitted on June 30, 1972, and previously approved, is retained and shall remain in effect for Federal enforcement purposes.)

(9) Northern Sonoma County APCD.

(i) Rule 420(e), submitted on november 10, 1976.

(ii) Rules 420(e) and (f), submitted on October 13, 1977.

(10) Placer County APCD.

(i) Rule 211, submitted on October 13, 1977. (The analogous Rule 61, submitted on June 30, 1972, and previously approved, is retained and shall remain in effect for Federal enforcement purposes.)

(ii) Rules 202, 207, and 211, submitted on October 15, 1979; and Section 61, and Rules 202 and 207, previously approved in the June 30, 1972, January 10, 1975, and October 13, 1977 submittals, are retained.

(11) Plumas County APCD.

(i) Rule 211, submitted on June 6, 1977. (The analogous Rule 211, submitted on January 10, 1975, and previously approved, is retained and shall remain in effect for Federal enforcement purposes.)

(12) San Luis Obispo County APCD.

(i) Rule 403, submitted on November 10, 1976.

(13) Sierra County APCD.

(i) Rule 211, submitted on June 6, 1977. (The analogous Rule 211, submitted on January 10, 1975, and previously approved, is retained and shall remain in effect for Federal enforcement purposes.)

(14) Trinity County APCD.

(i) Rules 410(c)(7) and 420(e), submitted on November 10, 1976.

(ii) Rules 420(e) and (f), submitted on November 4, 1977.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410 and 7601(a))

[43 FR 25675, June 14, 1978]

EDITORIAL NOTE: For Federal Register citations to § 52.275, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.276 Sulfur content of fuels.

(a) The following rules or portions of rules are disapproved since they represent a relaxation of previously submitted regulations and an adequate control strategy demonstration has not been submitted showing that the relaxation will not interfere with the attainment and maintenance of the National Ambient Air Quality Standards:

(1) North Central Coast Intrastate Region:

(i) Monterey Bay Unified APCD.

(A) Rule 412(a)(8), *Sulfur Content of Fuels*, submitted on October 23, 1974.

(b) The deletion of the following rules from the State implementation plan is disapproved since their deletion represents a relaxation of the control strategy, and an adequate demonstration showing that the relaxation will not interfere with the attainment and maintenance of the national ambient air quality standards has not been submitted:

(1) Southeast Desert Intrastate Region:

(i) Imperial County APCD.

(A) Rule 126, Sulfur Contents of Fuels, submitted on June 30, 1972 and previously approved under 40 CFR 52.223.

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410, 7601(a)))

[42 FR 56606, Oct. 27, 1977, as amended at 43 FR 35695, Aug. 11, 1978]

§ 52.277 Oxides of nitrogen, combustion gas concentration limitations.

(a) The following rules are being retained to the extent that the new rules are less stringent than the previously approved rules:

(1) North Central Coast Intrastate Region:

(i) Monterey Bay Unified APCD.

(A) Rule 404(c) submitted on February 21, 1972 by the Monterey-Santa Cruz Unified APCD and previously approved as part of the SIP, is being retained for sources combusting gaseous fuels. Rule 404(c) will be in effect for Monterey and Santa Cruz Counties only. Rule 404(c), submitted on November 10, 1976 by the Monterey Bay Unified APCD, will only be in effect for sources combusting liquid or solid fuels with heat input rates greater than 1½ billion BTU per hour in the Monterey and Santa Cruz portions of the Unified APCD.

(B) Rule 408(b), submitted on February 21, 1972 by the San Benito County APCD and previously approved as part of the SIP, is being retained for sources combusting liquid, solid, or gaseous fuels with heat input rates less than 1½ billion BTU per hour. Rule 408(b) will be in effect for San Benito County only. Rule 404(c), submitted on November 10, 1976 by the Monterey Bay unified APCD, will only be in effect for sources combusting liquid, solid, or gaseous fuels with heat input rates greater than 1½ billion BTU per hour in the San Benito County portion of the Unified APCD.

[42 FR 56606, Oct. 27, 1977]

§ 52.278 Oxides of nitrogen control.

(a) The following regulations are disapproved because they relax the control of nitrogen oxides emissions without an accompanying analysis demonstrating that this relaxation will not interfere with the attainment and maintenance of the National Ambient Air Quality Standards.

(1) South central coast intrastate AQCR.

(i) San Luis Obispo County APCD.

(A) Rule 405(A)(1), *Nitrogen Oxides Emission Standards Limitations and Prohibitions* submitted on November 10, 1976, is disapproved; and rule 114(4), *Gaseous Contaminants Oxides of Nitrogen* submitted on February 21, 1972 and previously approved in 40 CFR 52.223, is retained.

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410, 7601(a)))

[43 FR 34467, Aug. 4, 1978]

§ 52.279 [Reserved]

§ 52.280 Fuel burning equipment.

(a) The following rules and regulations are disapproved because they relax the control on emissions from fuel burning equipment without any accompanying analyses demonstrating that these relaxations will not interfere with the attainment and maintenance of the National Ambient Air Quality Standards.

(1) Mountain Counties Intrastate AQCR:

(i) Amador County APCD.

(A) Rules 209, submitted on April 21, 1976 and October 15, 1979, are disapproved; and Regulation V, Rule 19, previously approved in the June 30, 1972 submittal, is retained.

(B) Rule 210(B)(1), submitted on October 15, 1979, is disapproved; and Rules 11 and 210, previously approved in the June 30, 1972 and April 21, 1976 submittals, are retained.

(ii) Calaveras County APCD.

(A) Rule 209, Fossil Fuel-Steam Generator Facility, submitted on October 13, 1977, is disapproved; and Rule 408, Fuel Burning Equipment, previously approved in the June 30, 1972, submittal, is retained and shall remain in effect for Federal enforcement purposes.

(iii) Tuolumne County APCD.

(A) Rule 210, submitted on October 15, 1979, is disapproved; and Rule 407, previously approved in the June 30, 1972 submittal, is retained.

(iv) Placer County APCD.

(A) Rule 210, submitted on October 15, 1979, is disapproved, and Rule 210, previously approved in the October 13, 1977 submittal, is retained.

(2) Sacramento Valley Intrastate AQCR:

(i) Yolo-Solano APCD.

(A) Rule 2.16, *Fuel Burning Heat or Power Generators*, submitted on July 19, 1974 is disapproved; and Rule 2.16, *Fuel Burning Equipment*, submitted on June 30, 1972 and previously approved as part of the SIP in 40 CFR 52.223, is retained.

(3) Southeast Desert Intrastate AQCR.

(i) San Bernardino County Desert APCD.

(A) Rule 474, *Fuel Burning Equipment—Oxides of Nitrogen*, submitted November 4, 1977, is disapproved. Rule 68 (same title) submitted June 30, 1972 and approved in 40 CFR 52.223 is retained.

(b) The deletion of the following rules or portions of rules from the State implementation plan is disapproved since their deletion represents a relaxation of the control strategy and an adequate demonstration showing that the relaxation will not interfere with the attainment and maintenance of the national ambient air quality standards has not been submitted:

(1) Southeast Desert Intrastate Region:

(i) Imperial County APCD.

(A) Rule 131, Fuel Burning Equipment, submitted on February 21, 1972 and previously approved under 40 CFR 52.223.

(ii) San Bernardino County.

(A) Rule 67, Fuel Burning Equipment as applied to new sources. The emission limit of Rule 67 is retained and is applicable only to existing sources already granted a permit.

(c) The emission limits of Rules 67 and 72 are partially retained, applicable only to (existing) sources granted permits prior to June 17, 1981.

(1) South Coast Air Quality Management District.

(i) Rules 67, *Fuel Burning Equipment*, and 72, *Fuel Burning Equipment*, submitted on November 19, 1979.

(Secs. 107, 110, 129, 171-178, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7429, 7501 to 7508, and 7601(a)))

[43 FR 25677, 25684 June 14, 1978, as amended at 43 FR 35696, Aug. 11, 1978; 43 FR 51774, Nov. 7, 1978; 43 FR 59490, Dec. 21, 1978; 44 FR 5664, Jan. 29, 1979; 46 FR 3889, Jan. 16, 1981; 46 FR 27116, 27118, May 18, 1981; 47 FR 25016, June 9, 1982]

Subpart G—Colorado

§ 52.320 Identification of plan.

(a) Title of plan: "Air Quality Implementation Plan for State of Colorado".

(b) The plan was officially submitted on January 26, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Request for legal authority submitted February 14, 1972, by the Governor.

(2) Request for 110(e) extensions submitted March 20, 1972, by the Governor.

(3) Statements by State Air Pollution Control Commission (APCC) related to public inspection of emission data, emergency episodes, and transportation control submitted May 1, 1972, by the APCC. (Non-regulatory)

(4) List of sources under compliance schedules submitted May 1, 1972, by the State Department of Health.

(5) Transportation Control Plans submitted June 4, 1973, by the Governor.

(6) Statements relating to transportation control plans submitted July 16, 1973, by the Governor. (Non-regulatory)

(7) Plan revisions submitted November 21, 1973, by the Governor which delete Section III of Regulation No. 1 only as it relates to existing sources in Appendix P concerning SO_2.

(8) On April 24, October 4, 1979, and January 7, 1980, the Governor submitted revisions to meet Part D and other sections of the Clean Air Act, as amended in 1977. No action is taken with regard to the revised stack height regulation.

(9) Supplemental information about the Air Quality Maintenance Areas was submitted by the Governor on January 29, 1975.

(10) Procedural rules for all proceedings before the Air Pollution Control Commission, submitted May 5, 1977, by the Governor.

(11) On January 2, 1979, the Governor submitted the nonattainment area plan for all areas designated nonattainment as of March 3, 1978. EPA is taking no action on areas for which the Governor has requested redesignations (Larimer-Weld TSP and ozone; El Paso County ozone).

(12) Extension request for attainment of CO and O_3 was submitted by the Governor on January 5, 1979.

(13) On July 5, 1979, the governor submitted the Air Pollution Control Commission's final comment on our May 11, 1979, proposal. This included a clarification that the "No-Drive Day" was not part of the State Implementation Plan and transportation control measures schedules for Larimer-Weld.

(14) On July 18, 1979, the Commission committed to revising Regulation 7.

(15) On July 23, 1979, the Governor submitted House Bills 1109, 1090, and Senate Bill 1 as part of the plan.

(16) On July 27, 1979, the Governor submitted the Denver Regional Council of Governments schedules for implementing the transportation control strategies, and clarified that the Transportation Development Plan was part of the plan.

(17) On March 4, 1980, the Governor submitted a plan revision to meet the requirements of Air Quality Monitoring 40 CFR Part 58, Subpart C, § 58.20.

(18) On May 29, 1980, the Governor submitted written evidence of the State's legal authority to implement and enforce an automobile emissions control program as well as schedules for implementing that program and a demonstration that it will achieve a 25% reduction in exhaust emissions by 1987.

(19) On January 22 and February 6, 1980 the Governor submitted schedules for the implementation of transportation control measures for Denver and Larimer-Weld elements of the State Implementation Plan, respectively.

(20) On April 21, 1980, the Governor submitted a plan revision to meet the data reporting requirements of Section 127 of the Clean Air Act.

(21) On June 22, 1980, the Governor submitted the following amended rules:

REPEAL AND REPROMULGATION OF REGULATION NO. 3 "A Regulation Requiring Air Pollutant Emission Notice, Emission Permits and Fees."

REVISIONS TO COMMON PROVISIONS REGULATION as they relate to changes in Regulation No. 3.

(22) On June 5, 1980, the Governor submitted the following rules:

Repeal and repromulgation of Regulation No. 7 "A Regulations to Control Emissions of Volatile Organic Compounds" and revisions to the Common Provisions Regulations as they relate to changes in Regulation No. 7.

(23) On August 25, 1980, the Governor of Colorado submitted a site specific revision to the State Implementation Plan for Coors Container Corporation, Paper Packaging Division, in regard to alternative volatile organic compound emissions reduction for its printing presses.

(24) Provisions to meet the requirements of sections 110 and 172 of the Clean Air Act, as amended in 1977, regarding control of Group II VOC sources were submitted on January 6, 1981, and the supplemental information received on August 20, 1981.

(25) On December 29, 1980, the Governor submitted the following rule: Regulation No. 11, covering procedures for garage licensing (including mechanic testing and licensing), equipment requirements (including standards and specifications for exhaust gas analyzers), requirements for inspections, and emission standards as part of the Colorado motor vehicle inspection program.

(26) On March 23, 1981, the Governor submitted revised regulations limiting sulfur dioxide emissions from certain oil shale production facilities.

(Sec. 110, Clean Air Act, as amended (42 U.S.C. 7401, et seq.))

[37 FR 10855, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.320, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.321 Classification of regions.

The Colorado plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Pawnee Intrastate	I	III	III	III	III
Metropolitan Denver Intrastate	I	III	III	I	I
Comanche Intrastate	III	III	III	III	III
San Isabel Intrastate	I	III	III	III	III
San Luis Intrastate	III	III	III	III	III
Four Corners Interstate	IA	IA	III	III	III
Grand Mesa Intrastate	III	III	III	III	III
Yampa Intrastate	III	III	III	III	III

[37 FR 10855, May 31, 1972, as amended at 39 FR 16346, May 8, 1974; 44 FR 57409, Oct. 5, 1979]

§ 52.322 Extensions.

(a) The Administrator hereby extends for 18 months the statutory timetable for submission of Colorado's plans for attainment and maintenance of the secondary standards for particulate matter in the Metropolitan Denver, San Isabel, and Pawnee Intrastate Regions.

(b) The Administrator hereby extends until May 31, 1977, the attainment date for the national standards for carbon monoxide and photochemical oxidants in the Metropolitan Denver Intrastate Air Quality Control Region.

(c) The Administrator hereby extends for 18 months (until July 1, 1980) the statutory time table for Colorado's plans for attainment and maintenance of the secondary standards for particulate matter in Denver, Grand Junction, Colorado Springs, Pueblo and Larimer-Weld nonattainment areas (40 CFR 81.306).

(d) The Administrator hereby extends to December 31, 1987, the attainment date for ozone in the Denver nonattainment area (40 CFR 81.306).

(e) The Administrator hereby extends to December 31, 1987 (Denver), December 31, 1985 (Colorado Springs), December 31, 1986 (Fort Collins), and December 31, 1984 (Greeley), the attainment dates for carbon monoxide in these nonattainment areas (40 CFR 81.306).

[37 FR 10855, May 31, 1972, as amended at 38 FR 30820, Nov. 7, 1973; 44 FR 57409, Oct. 5, 1979]

§ 52.323 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Colorado's plan for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds that the plan satisifies all requirements of Part D, Title 1, of the Clean Air Act as amended in 1977, except as noted below.

[44 FR 57410, Oct. 5, 1979]

§ 52.324 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met since the State lacks the authority to require owners or operators of stationary sources to install, maintain, and use emission monitoring devices and to make periodic reports to the State on the nature and amounts of emissions from such stationary sources.

(b) Delegation of authority: Pursuant to section 114 of the Act, Colorado requested a delegation of authority to enable it to require sources to install and maintain monitoring equipment and to report periodically on the nature and amount of their emissions. The Administrator has determined that Colorado is qualified to receive a delegation of the authority it requested. Accordingly, the Administrator delegates to Colorado his authority under section 114(a)(1)(B) and (C) of the Act, i.e., authority to require sources within the State of Colorado to install and maintain monitoring equipment and to report periodically on the nature and amount of their emissions.

(c) The requirements of § 51.11(a)(4) of this chapter are not met since Regulation No. 3 provides that an emission permit be issued when automatically specific defined time limits have been exceeded. EPA will consider invalid any permit granted automatically pursuant to Section IV.F. of Regulation No. 3. Persons constructing or modifying sources under the authority of automatically issued permits will be subject to Federal enforcement action.

(Secs. 110, and 172 of the Clean Air Act as amended (42 U.S.C. 7410 and 7572))

[37 FR 10855, May 31, 1972, as amended at 46 FR 24182, Apr. 30, 1981]

§ 52.325 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Colorado's plan, except where noted.

Air quality control region and nonattainment area	TSP		Pollutant SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Pawnee Intrastate:							
a. Larimer-Weld Region	e	f	b	b	b	g/i	b
b. Remainder of AQCR	*c*	b	b	b	b	b	b
Metropolitan Denver:							
a. Denver Region	e	f	b	b	e	j	j
b. Grand Junction	e	f	b	b	b	b	b
c. Remainder of AQCR	*c*	b	b	b	b	d	b
Comanche Intrastate	b	b	b	b	b	b	b
San Isabel Intrastate:							
a. Colorado Springs	e	f	b	b	b	h	b
b. Pueblo	e	f	b	b	b	b	b
c. Remainder of AQCR	*c*	b	b	b	b	b	b

Air quality control region and nonattainment area	TSP		Pollutant SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
San Luis Intrastate	a	*c*	b	b	b	b	b
Grand Mesa Intrastate	*c*	*c*	b	b	b	b	b
Yampa Intrastate	b	b	b	b	b	b	b
Four Corners Intrastate	*c*	*c*	b	b	b	b	b

NOTE 1: Dates or footnotes which are **Italic** are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

NOTE 2: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) of the Act prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.325.

a. Air quality levels presently below primary standards or area is unclassifiable.
b. Air quality levels presently below secondary standards or area is unclassifiable.
c. July 1975.
d. May 31, 1977.
e. December 31, 1982.
f. 18-month extension granted.
g. December 31, 1984 (Greeley).
h. December 31, 1985.
i. December 31, 1986 (Fort Collins).
j. December 31, 1987.

[44 FR 57410, Oct. 5, 1979]

§ 52.326 Transportation and land use controls.

(a) To complete the requirements of § 51.11(b) of this chapter, the Governor of Colorado must submit to the Administrator:

(1) No later than July 1, 1974, the legislative authority necessary for carrying out control measures for which full authority does not yet exist, namely inspection/maintenance air bleed retrofit, and high-altitude modification, specified on pages 7-13 and 7-14 of the plan submitted June 4, 1973, and in the supplemental submission of July 16, 1973.

(2) No later than January 31, 1974, the adopted regulations and administrative policies necessary for carrying out the control measures for which the State now has legal authority, namely the designation of bus/carpool lanes, the limitation of constructing parking facilities, and the restriction of on-street parking, specified in the supplemental submission of July 16, 1973.

(3) No later than September 1, 1974, the adopted regulations and administrative policies necessary for carrying out any control measure for which the State must submit legal authority in accordance with paragraph (a)(1) of this section.

[38 FR 30820, Nov. 7, 1973]

§ 52.327 Control strategy: Ozone.

(a) Part D Conditional Approval—The Denver Plan is approved provided that the following conditions are satisfied:

(1) The plan provides for implementation of reasonably available control technology on existing sources of volatile organic compounds. EPA's conditional approval of Regulation 7 is based upon the State meeting the following schedule:

January 10, 1980—Notice of public hearing and draft regulations submitted to EPA
March 13, 1980—Public Hearing
April 10, 1980—Adopt new regulation and submit to EPA

(Secs. 110, and 172 of the Clean Air Act as amended (42 U.S.C. 7410 and 7572))

[45 FR 72150, Oct. 31, 1980, as amended at 46 FR 24182, Apr. 30, 1981]

§ 52.328 [Reserved]

§ 52.329 Rules and regulations.

(a) *Part D disapproval.* Regulation No. 3 and the Common Provisions Regulations are approved except for the following provisions which are disapproved:

(1) Section IV.D.2(b)(ii)(G), which exempts from "major modification," a change of an existing oil-fired or gas-fired boiler to the use of a coal/oil mixture, shale oil, or coal-derived fuels, provided that such change would not interfere with reasonable

further progress toward attainment of any National Ambient Air Quality Standard.

(2) Section IV.D.2.(b)(iii), "major modification" and the definition of "major stationary source" in the Common Provisions Regulation that provides that fugitive emissions of particulate matter from any of the 26 listed source categories will be excluded in determining whether the source is major, even though quantifiable, if the owner or operator of the source demonstrates to the satisfaction of the Colorado Air Pollution Control Division that such emissions are of a size and substance that will not adversely affect public health or welfare.

(3) Section IV.H.6., that allows the Division to grant an applicant a period of greater than six months to bring a source into compliance.

(4) Regulation No. 3 did not include a provision for "reconstruction," and certain fugitive emissions may escape review since they were not included in Colorado Regulations No. 6 and No. 8, but were regulated under Federal New Source Performance Standards or National Emission Standards for Hazardous Pollutants. Any source which escapes review because of these deficiencies in Regulation No. 3 will be subject to federal enforcement actions.

(Secs. 110, and 172 of the Clean Air Act as amended (42 U.S.C. 7410 and 7572))

[46 FR 24182, Apr. 30, 1981]

§ 52.330 Control strategy: Total suspended particulates.

(a) *Part D—Conditional Approval:* The Pueblo plan is approved assuming the State demonstrates by December 31, 1981, through air quality modeling, attainment of the 24-hour and annual standards, while considering emissions from all sources in the nonattainment area. In addition, the State must repromulgate Regulation No. 1 to satisfy reasonably available control technology requirements in accordance with the following schedule:

(1) The Commission will consider and adopt for public hearing any changes or additions to Regulation No. 1 by February 15, 1981.

(2) The proposed regulations will be published in the Colorado Register by March 10, 1981.

(3) Public hearing will be held by May 14, 1981.

(4) Regulations will be approved with an effective date no later than July 1, 1981, and submitted to EPA by the same date.

(Secs. 110 and 172 of the Clean Air Act, as amended (42 U.S.C. 7410 and 7502))

[46 FR 26302, May 12, 1981]

§§ 52.331—52.340 [Reserved]

§ 52.341 Maintenance of national standards.

(a) The areas listed below which were identified by the State of Colorado are hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Colorado Springs Air Quality Maintenance Area (State Planning and Management District 4).

(i) Pollutants for which the area is identified: Particulate matter and carbon monoxide.

(ii) Geographical composition of area:

El Paso County.

(2) Colorado-Utah Oil Shale Interstate Air Quality Maintenance Area (Colorado portion) (State Planning and Management District 11).

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, carbon monoxide, and photochemical oxidants.

(ii) Geographical composition of area:

Garfield County, Mesa County, Moffat County, Rio Blanco County.

(3) Metropolitan Denver Air Quality Maintenance Area (State Planning and Management District 3).

(i) Pollutants for which the area is identified: Particulate matter, carbon monoxide, photochemical oxidants and nitrogen dioxide.

(ii) Geographical composition of area:

Adams County, Arapahoe County, Boulder County, Clear Creek County, Denver County, Douglas County, Gilpin County, Jefferson County.

(4) North Central Colorado Air Quality Maintenance Area (State Planning and Management District 2).

(i) Pollutants for which the area is identified: Particulate matter, carbon monoxide, and photochemical oxidants.

(ii) Geographical composition of area:

Larimer County, Weld County.

(5) Pueblo Air Quality Maintenance Area (State Planning and Management District 7).

(i) Pollutants for which the area is identified: Particulate matter and carbon monoxide.

(ii) Geographical composition of area:

Pueblo County.

[40 FR 23752, June 2, 1975]

§ 52.342 [Reserved]

§ 52.343 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Colorado.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); Sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart H—Connecticut

§ 52.370 Identification of plan.

(a) Title of plan: "State of Connecticut Air Implementation Plan."

(b) The plan was officially submitted on March 3, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Miscellaneous non-regulatory addition to the plan and addition of amendment to Chapter 360 of General Statutes which provides authority for delegation of enforcement authority submitted on March 21, 1972, by the Connecticut Department of Environmental Protection.

(2) Miscellaneous non-regulatory additions to the plan submitted on April 6, 1972, by the Connecticut Department of Environmental Protection.

(3) Attainment dates submitted on August 10, 1972, by the Connecticut Department of Environmental Protection.

(4) Regulation 19-508-100 requiring a review of indirect sources submitted on January 9, 1974, by the Connecticut Department of Environmental Protection.

(5) AQMA identification material submitted on April 15, 1974, by the Connecticut Department of Environmental Protection.

(6) Indirect Source Review Regulation 19-508-100 resubmitted on August 26, 1974, by the Connecticut Department of Environmental Protection.

(7) [Reserved]

(8) Revision to chapter 8, Air Quality Surveillance, submitted on June 30, 1977 by the Governor.

(9) Revision to Indirect Source Review Regulation 19-508-100 submitted on June 13, 1977 by the Connecticut Department of Environmental Protection.

(10) A revision to Regulation 19-508-19(a)(2)(i) submitted by the Commissioner of the Connecticut Department of Environmental Protection on April 16, 1979, granting a variance until April 1, 1981 to Northeast Utilities.

(11) State Implementation Plan revisions to meet the requirements of Part D and the Clean Air Act, as amended in 1977, were submitted on June 22, 1979 and received on June 27, 1979;

submitted on December 18, 1979 and received on December 28, 1979; submitted on January 28, 1980 and received on February 1, 1980; submitted and received on May 1, 1980; submitted and received on June 5, 1980; submitted on September 2, 1980 and received on September 8, 1980; and submitted and received on November 12, 1980. Included are plans to attain: The primary TSP standard in Greenwich and Waterbury and the carbon monoxide and ozone standards statewide. A program was also submitted for the review of construction and operation of new and modified major stationary sources of pollution in non-attainment areas. Certain miscellaneous provisions are also included.

(12) A revision to Regulation 19-508-19(a)(2)(i), submitted by the Commissioner of the Connecticut Department of Environmental Protection on September 8, 1980, granting a variance until March 27, 1983 to the Federal Paperboard Company, Inc.

(13) A comprehensive air quality monitoring plan, intended to meet requirements of 40 CFR Part 58, was submitted by the Connecticut Department of Environmental Protection Commission on June 9, 1980 and November 17, 1980.

(14) Non-regulatory additions to the plan which were submitted on December 19, 1980, and amended on March 11, 1981, by the Connecticut Department of Environmental Protection amending the sulfur control strategy to include an "Air Pollution Control/Energy Trade Option" except for submittal attachments #1 and #2, "SULFUR DIOXIDE" and "TRANSPORT OF SULFUR DIOXIDE" and the section of attachment #3 "CONTROL OF SULFUR OXIDES" entitled "Sample Analysis of a Btu Bubble Application".

(15) Non-regulatory addition to the plan of the state *New Source Ambient Impact Analysis Guideline,* for use in State program actions, submitted on December 19, 1980, and amended on March 11, 1981, and July 15, 1981.

(16) Revisions to regulation 19-508-4 (source monitoring requirements) and regulation 19-508-5 (stack emissions testing) submitted on November 7, 1977 by the Commissioner of the Connecticut Department of Environmental Protection.

(17) A revision to Regulation 19-508-19(a)(2)(i), submitted by the Commissioner of the Connecticut Department of Environmental Protection on June 23, 1981, granting a temporary variance to Uniroyal Chemical, Division of Uniroyal, Inc.

(18) Revisions to Regulation 19-508-19 (Control of Sulfur Compound Emissions), Regulation 19-508-24 (Connecticut Primary and Secondary Standards), and accompanying narrative submitted by the Commissioner of the Connecticut Department of Environmental Protection on October 23, 1981 and November 4, 1981.

(19) Revisions submitted by the Commissioner of the Connecticut Department of Environmental Protection on November 16, 1981. These provisions supersede portions of the revisions identified under (c)(18).

(20) Revisions to meet the requirements of Part D and certain other sections of the Clean Air Act, as amended, were submitted on December 15, 1980 and May 29, 1981. Included are changes to the state Ozone Control Plan involving adoption of Regulation 19-508-20(k) controlling the use of cutback asphalt, the approval of the RFP demonstration for ozone attainment, and a refined inventory of miscellaneous stationary sources of Volatile Organic Compounds and changes to Regulation 19-508-3 (1) dealing with review of new and modified stationary sources.

(21)—(22) [Reserved]

(23) Regulation 19-508-20(cc), Alternative Emission Reductions as it applies to Regulation 19-508-20: (m), can coating; (n), coil coating; (o), fabric and vinyl coating; (p), metal furniture coating; (q), paper coating; (r), wire coating; (s), miscellaneous metal parts; (t), manufacture of synthesized pharmaceutical products and (v), graphic arts—rotogravure and flexography, was submitted on December 15, 1980, and January 11, 1982, by the Commissioner of the Department of Environmental Protection.

(24) [Reserved]

(25) Revisions to meet ozone attainment requirements of Part D (Group

II CTG regulations), the adoption of a lead standard and the revision of the ozone standard, submitted on December 15, 1980, are approved as follows: Regulations 19-508-20 (s), (t), (v), (w), (aa), (bb), and (dd), Regulation 19-508-8 and Regulation 19-508-24(i)(1).

(Secs. 110(a), 172, 301, Clean Air Act, as amended (42 U.S.C. 7401, 7410, 7601))

[37 FR 10855, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.370, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: At 47 FR 24552, June 7, 1982, paragraph (c)(23) was added to § 52.370, effective July 7, 1982.

§ 52.371 Classification of regions.

The Connecticut plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
New Jersey-New York-Connecticut Interstate	I	I	I	I	I
Hartford-New Haven-Springfield Interstate	I	I	III	I	I
Northwestern Intrastate	III	III	III	III	III
Eastern Intrastate	II	III	III	III	III

[37 FR 10855, May 31, 1972, as amended at 39 FR 16346, May 8, 1974; 45 FR 84787, Dec. 23, 1980]

§ 52.372 Extensions.

The Administrator hereby extends until December 31, 1987 the attainment dates for carbon monoxide and for ozone.

(Secs. 110, 172 and 301, of the Clean Air Act, as amended)

[45 FR 84787, Dec. 23, 1980]

§ 52.373 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Connecticut's plan, as identified in § 52.370 for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plan satisfies all requirements of Part D, Title I, of the Clean Air Act, as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by January 1, 1981 for the sources covered by CTGs issued between January, 1978 and January, 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(a) The Administrator approves the general procedures of the state's sulfur control regulations (19-508-19) and accompanying narrative submitted on October 23, 1981, and November 4, 1981 and identified under § 52.370, paragraph (c)(18), provided that any individual source approvals granted by the state under the Air Pollution Control/Energy Trade Option and solid fuel burning permitting system are submitted to EPA as SIP revisions.

(Secs. 110, 172 and 301, of the Clean Air Act, as amended (42 U.S.C. 7410 and 7601))

[45 FR 84787, Dec. 23, 1980, as amended at 46 FR 56615, Nov. 18, 1981]

§ 52.374 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in Connecticut's plan.

Air quality control region [1] and nonattainment area	Pollutant						
	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
AQCR 41: Eastern Ct. Intrastate	a	b	a	c	a	a	d
AQCR 42:							
Hartford-New Haven-Springfield Interstate		b	a	c	a	d	d
Waterbury	e						
Remainder of AQCR	a						
AQCR 43:							
NY-NJ-CT Interstate		b	a	c	a	d	d
Greenwich	e						
Remainder of AQCR	a						
AQCR 44: Northwestern Ct. Interstate	a	b	a	c	a	a	d

[1] Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.374 (1979).

a. Air quality levels presently below primary standards or area is unclassifiable.
b. 18 month extension for plan submittal granted; attainment date not yet proposed.
c. Air quality levels presently below secondary standards or area is unclassifiable.
d. December 31, 1987.
e. December 31, 1982.

(Secs. 110, 172 and 301, of the Clean Air Act, as amended)

[45 FR 84787, Dec. 23, 1980]

§§ 52.375–52.378 [Reserved]

§ 52.379 Maintenance of national standards.

(a) The area listed below, which was identified by the State of Connecticut, is hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violations of the specified air quality standards within 10 years.

(1) The Connecticut Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, carbon monoxide, and photochemical oxidants.

(ii) Geographical composition of area:

All portions of the New York-New Jersey-Connecticut, and Hartford-New Haven-Springfield Interstate Air Quality Control Regions (as defined in 40 CFR Part 81) that are located within the State of Connecticut.

[40 FR 23752, June 2, 1975]

§ 52.380 Rules and regulations.

(a) All facilities owned, operated or under contract with the Connecticut Transportation Authority shall comply in all respects with Connecticut Regulations for the Abatement of Air Pollution sections 19-508-1 through 19-508-25 inclusive, as approved by the Administrator.

(b) For the purposes of paragraph (a) of this section the word "Administrator" shall be substituted for the word "Commissioner" wherever that word appears in Connecticut Regulations for the Abatement of Air Pollution Sections 19-508-1 through 19-508-25 inclusive, as approved by the Administrator.

(c) The June 27 and December 28, 1979, February 1, May 1, September 8 and November 12, 1980 revisions are approved as satisfying Part D requirements under the following conditions:

(1) [Reserved]

(2) Submittal by December 15, 1980 of a revision to Regulation 19-508-20 (1) (solvent metal cleaning) to be consistent with the CTG or a showing that the VOC emissions in the present regulation are within five (5) percent of the VOC emissions which would be allowed if the CTG recommendations were followed.

(3) [Reserved]

(4) Submittal by March 15, 1981 of adopted and implemented regulations representing TSP RACT for oil burning boilers or adequate justification showing existing controls represent RACT.

(5) Submittal by December 15, 1980 of adopted and implemented regulations representing TSP RACT for asphalt batch plants, quarry operations, ferrous foundries, non-ferrous foundries and portland cement concrete batch plants or adequate justification showing existing controls represent RACT.

(d) Non-Part D-No Action: EPA is neither approving nor disapproving the following elements of the revisions:

(1)—(2) [Reserved]

(3) The program to review new and modified major stationary sources in attainment areas (prevention of significant deterioration).

(4) Permit fees

(5) Stack height regulations

(6) Interstate pollution requirements

(7) Monitoring requirements

(8) Conflict of interest provisions.

(9) Use of 1 percent sulfur content fuel by the following residual oil burning sources, identified under § 52.370, paragraph (c)(18).

(i) Northeast Utilities, HELCO Power Station in Middletown,

(ii) [Reserved]

(iii) United Technologies Corporation, Sikorsky Aircraft Division in Stratford,

(iv) [Reserved]

(v) Dow Chemical U.S.A. in Gale's Ferry.

(10) Emergency Fuel Variance provisions of Regulation 19-508-19 (a)(2)(ii) identified under § 52.370 paragraph (c)(18).

(e) *Disapprovals.* (1) Regulation 19-508-19(a)(9) concerning coal use at educational and historical exhibits and demonstrations, identified under § 52.370, (c)(18).

(2) Regulation 19-508-19, subsection (a)(4)(iii)(C) and (a)(4)(iii)(E) concerning fuel merchants, identified under § 52.370, paragraph (c)(18).

(Secs. 110(a) and 301(a) of the Clean Air Act, as amended, 42 U.S.C. 7410 and 7601)

[40 FR 23280, May 29, 1975, as amended at 45 FR 84787, Dec, 23, 1980; 46 FR 34801, July 6, 1981; 46 FR 56615, Nov. 18, 1981; 46 FR 62062, Dec. 22, 1981; 47 FR 763, Jan. 7, 1982]

§ 52.381 [Reserved]

§ 52.382 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21 (b) through (w) are hereby incorporated and made a part of the applicable State plan for the State of Connecticut.

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart I—Delaware

§ 52.420 Identification of plan.

(a) Title of plan: "State of Delaware Implementation Plans for Attainment and Maintenance of National Ambient Air Quality Standards."

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Certification that public hearing was held on plan submitted on February 11, 1972, by the Department of Natural Resources and Environmental Control.

(2) Information on the geometric standard deviations of air quality data submitted on March 7, 1972, by the Department of Natural Resources and Environmental Control.

(3) Miscellaneous non-regulatory clarifications and amendments to the plan submitted on May 5, 1972, by the Department of Natural Resources and Environmental Control.

(4) Specification of attainment dates submitted on June 2, 1972, by the Department of Natural Resources and Environmental Control.

(5) Periodic stack sampling requirements submitted on June 5, 1972, by the Department of Natural Resources and Environmental Control.

(6) Miscellaneous non-regulatory additions to the plan submitted on July 20, 1972, by the Delaware Water and Air Resource Commission.

(7) Backup information for the attainment of the Secondary SO_2 standards in New Castle County submitted on November 14, 1972, by the Department of Natural Resources and Environmental Control.

(8) Backup information for the attainment of the Secondary SO_2 standards in New Castle County submitted on December 19, 1972, by the Department of Natural Resources and Environmental Control.

(9) Amendments to Regulations I through XIV inclusive of the Delaware Regulations Governing Air Pollution, and Amendments to the Delaware Environmental Protection Act; submitted on January 16, 1975 by the Delaware Department of Natural Resources and Environmental Control.

(10) Amendments to Section V (Surveillance) of the Delaware State Implementation Plan and amendments to Section V (Surveillance) of the New Castle County Portion of the Delaware State Implementation Plan, covering changes to the air pollution monitoring system; submitted on September 3, 1975 by the Delaware Department of Natural Resources and Environmental Control.

(11) A Consent Order for the Getty Oil Company and the Delmarva Power and Light Company submitted on August 5, 1975 by the Delaware Department of Natural Resources and Environmental Control.

(12) Amendments to Regulations No. V, XIV, XVII, and a newly adopted Regulation No. XXIII (Standards of Performance for Steel Plants: Electric Arc Furnaces); and a Court of Chancery injunction to control charging and tapping emissions for the Phoenix Steel Corporation's plant in Claymont, Delaware submitted on December 2, 1977 and October 5, 1978, respectively, by the Department of Natural Resources and Environmental Control.

(13) On May 3, 1979, the Governor submitted the nonattainment area plan for New Castle County with respect to ozone.

(14) A revision submitted by the State of Delaware on October 5, 1978 to eliminate certain outdated requirements relating to Regulations V and XVIII and correction of typographical errors relating to Regulations III, VIII, and XV.

(15) A revision submitted by the State of Delaware on March 19, 1980 which is intended to establish an Ambient Air Quality Monitoring Network.

(16) Revisions to Delaware's Regulations I, II, III, IV, VIII, XII, XIV, XV, and XVII submitted by the Delaware Department of Natural Resources and Environmental Control on March 19, 1980.

(17) A revision submitted by the State of Delaware on September 7, 1977, consisting of an amendment to Delaware Regulations Governing Air Pollution, Regulation XVII, establishing continuous emission monitoring regulations.

(18) A revision submitted by the District of Columbia on May 16, 1979 which is intended to establish an Ambient Air Quality Monitoring Network.

(19) A commitment to use available grants and funds to establish, expand, and improve public transportation to meet basic transportation needs, submitted on August 15, 1979 by the Delaware Transportation Authority.

(20) A revised schedule for implementation of Delaware's inspection and maintenance program submitted by September 10, 1980 by the Secretary, Delaware Department of Natural Resources and Environmental Control.

(21) [Reserved]

(22) A revision submitted by the State of Delaware on August 7, 1978 consisting of two Executive Orders for financial disclosure of certain State officials.

(23) Amendments to Regulations I (Definitions) and XXIV (Control of Organic Compounds Emissions) submitted on December 23, 1980 by the Secretary, Delaware Department of Natural Resources and Environmental Control.

(24) A State Implementation Plan for the Control of lead emissions submitted on December 23, 1980 by the Secretary, Delaware Department of Natural Resources and Environmental Control.

(25) A revised schedule for implementation of Delaware's inspection and maintenance program submitted on December 29, 1980 by the Secre-

tary, Delaware Department of Natural Resources and Environmental Control.

(26) Amendments to Regulation II (Registration and Permits) and XIII (Open Burning) [non-regulatory] of the Delaware Regulations governing the Control of Air Pollution submitted on September 22, 1981 by the Secretary, Department of Natural Resources and Environmental Control.

(27) Amendments to Section 9.4 (Surface Coating operations) and 13.2 (Dry Cleaning) of Regulation XXIV (Control of Volatile Organic Compound Emissions) of the Delaware Regulations governing the Control of Air Pollution submitted on September 22, 1981 by the Secretary, Department of Natural Resources and Environmental Control.

(28) Amendments to Regulations I (Definitions) and XXV Section (Requirements for Preconstruction Review) pertaining to prevention of significant deterioration submitted on December 29, 1980 by the Secretary, Delaware Department of Natural Resources and Environmental Control.

(29) A February 27, 1981 letter from the Delaware Department of Natural Resources and Environmental Control to EPA pertaining to procedures of notifying EPA of any PSD application for sources locating within 100 kilometers of a Class I PSD area, as well as ensuring EPA in any monitoring procedure, that the requirements of 40 CFR Part 58 will be specified.

(42 U.S.C. 7401-7642)

[37 FR 10856, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.420, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.421 Classification of regions.

The Delaware plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Metropolitan Philadelphia Interstate	I	I	III	I	I
Southern Delaware Intrastate	III	III	III	III	III

[37 FR 10856, May 31, 1972, as amended at 39 FR 16345, May 8, 1974]

§ 52.422 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Delaware's plan for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds that the plan satisfies all requirements of Part D, Title 1, of the Clean Air Act as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

[45 FR 14558, Mar. 6, 1980]

§§ 52.423-52.425 [Reserved]

§ 52.426 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for review of new or modified indirect sources.

(b) *Regulation for review of new or modified sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Delaware.

[39 FR 7280, Feb. 25, 1974]

§ 52.427 Extensions.

The Administrator hereby extends to December 31, 1987, the attainment date for ozone in New Castle County.

[45 FR 14559, Mar. 6, 1980]

§ 52.428 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in the Delaware plan.

Air quality control region	Pollutant[1]						
	Particulate matter		Sulfur oxides		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Metropolitan Philadelphia Interstate							
Wilmington	d	d	a	c	d	c	e
Portions of Newark as defined in 40 CFR Part 81	d	d	a	c	d	c	e
Remainder of AQCR	a	b	a	c	d	c	e
Southern Delaware Intrastate	d	d	d	d	d	d	d

a. January 1972.
b. January 1973.
c. January 1974.
d. Below Secondary Standards or Unclassifiable.
e. Dec. 31, 1987.

[1] Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Amendments remain obligated to comply with those requirements by the earlier deadlines. (40 CFR 52.428, 1978.)

[37 FR 15082, July 27, 1972, as amended at 38 FR 13562, May 23, 1973; 39 FR 16345, May 8, 1974; 45 FR 14559, Mar. 6, 1979]

§ 52.429 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

§ 52.430 [Reserved]

§ 52.431 Maintenance of national standards.

(a) The requirements of § 51.12 (e) of this chapter are not met since the State neither identified areas of the State that have the potential for violation of air quality standards within 10 years nor provided a justification that there are no such areas in the State.

(b) Based upon information available to him, the Administrator does not identify any areas pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of national ambient air quality standards within 10 years.

[40 FR 41949, Sept. 9, 1975]

§ 52.432 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulation for preventing significant deterioration of air quality.* The provisions of § 52.21(l)(2) and (p) are hereby incorporated and made a part of the applicable State plan for the State of Delaware.

(c) Pursuant to 40 CFR 52.21(u) full delegation of authority for all portions of the Federal PSD program, as described in 40 CFR 52.21, was relinquished to the State of Delaware as of June 15, 1981. All applications submitted as of that date and supporting information required pursuant to § 52.21 from sources located in the State of Delaware shall be submitted to: Delaware Department of Natural Resources and Environmental Control, Air Resources Section, Division of Environmental Control, Edward Tatnall Building, P.O. Box 1401, Dover, Delaware 19901.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7642, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[45 FR 52741, Aug. 7, 1980, and 46 FR 31262, June 15, 1981, as amended at 47 FR 11014, Mar. 15, 1982]

Subpart J—District of Columbia

§ 52.470 Identification of plan.

(a) Title of plan: "Implementation Plan for the Control of Carbon Monoxide, Nitrogen Dioxide, Hydrocarbons, and Oxidants."

(b) The above plan was officially submitted on January 31, 1972, by the Mayor/Commissioner.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Control strategies for sulfur oxides and particulate matter were defined by the District's "Implementation Plan for Controlling Sulfur Oxide and Particulate Air Pollutants" submitted on August 14, 1970, by the District of Columbia.

(2) Addition to Permit to Construct regulation, Section 8-2:720 of the District of Columbia Control Regulations, plus miscellaneous non-regulatory revisions to the plan submitted April 28, 1972, by the District of Columbia.

(3) Particulate matter emission rate graph submitted on January 29, 1973, by the Department of Environmental Services.

(4) Plan revisions were submitted on January 29, 1973, by the Department of Environmental Services.

(5) Transportation Control Plans for the District of Columbia's portion of National Capital AQCR submitted on April 20, 1973, by the Mayor/Commissioner.

(6) Amendments to the Transportation Control Plan for the District of Columbia submitted on July 9, 1973, by the Mayor/Commissioner.

(7) Amendments to the Transportation Control Plan for the District of Columbia submitted on July 16, 1973, by the Mayor/Commissioner.

(8) Amendments to Sections 8-2:702 (Definitions) and 8-2:707, (Control of Organic Compounds), subsections (a), (b), (c), (d), (e), and (f) of the District of Columbia Air Quality Control Regulations submitted on March 22, 1974 by the Mayor/Commissioner.

(9) Amendments to Sections 8-2:704 and 8-2:705 of the District of Columbia Air Quality Control Regulations submitted on February 25, 1976 by the Mayor.

(10) Section 8-2:709 and Section 8-2:724 are amended to limit particulate emissions to .08 grains per day standard cubic foot at Solid Waste Reduction Center #1 (S.W.R.C. #1) and allow continued operation of S.W.R.C. #1 respectively; submitted July 17, 1975 by the District of Columbia.

(11) Amendments to Sections 8-2:704 (Use of Certain Fuel Oils Forbidden), 8-2:705 (Use of Certain Coal Forbidden), and 8-2:713 (Visible Emissions) of the District of Columbia Air Quality Control Regulations submitted on March 3, 1977 by the Mayor.

(12) Amendments to Sections 8-2:702 (Definitions), 8-2:708 (Fuel Burning Particulate Emission) and 8-2:720 (Permits to Construct or Modify, Permits to Operate); an amendment deleting Appendix 1 from the District of Columbia Air Quality Control Regulations submitted by the Mayor on May 25, 1978.

(13) Amendments to Sections 8-2:704 (Allowable Sulfur Content in Fuel Oil) and 8-2:705 (Allowable Sulfur Content in Coal) of the District's Air Quality Control Regulations submitted on December 27, 1978, by Mayor Walter E. Washington is hereby approved until December 31, 1980.

(14)—(15) [Reserved]

(16) Amendments to Sections 8-2:702 (Definition Changes), 8-2:708 (Performance Testing), 8-2:713 (Visible Emissions), 8-2:718 (Emission Testing), 8-2:726 (Penalties) of the District's Air Quality Control Regulations, and Section 6-812(a)(5) (Penalties) of the District of Columbia's Air Quality Control Act submitted on December 27, 1978 by Mayor Walter E. Washington.

(17) Amendments to Sections 8-2:704 (Allowable Sulfur Content in Fuel Oil) and 8-2:705 (Allowable Sulfur Content in Coal) of the District's Air Quality

Control Regulations submitted on December 27, 1978, by Mayor Walter E. Washington are approved indefinitely.

(18) Amendments to Regulations I (Definitions), XXIV (Control of Volatile Organic Compounds Emissions) and XXV (Requirements for Preconstruction Review) submitted on March 19, 1980 by the Secretary, Delaware Department of Natural Resources and Environmental Control.

(19) The Plan revision entitled "Revisions to the Implementation Plan for the District of Columbia for Attainment of the National Ambient Air Quality Standards for Particulates, Oxidants and Carbon Monoxide" for all areas designated nonattainment as of March 3, 1978 and September 12, 1978 submitted on December 26, 1979 by the Mayor. Included was a request for revocation and/or revision of sections of Subpart J which have been mooted by court decision (*District of Columbia* v. *Costle*, 567 F. 2d 1091 (D.C. Cir. 1977)), Congressional action, or rescission by EPA.

(20) Inspection and Maintenance Program Amendments to the transportation control portion of the nonattainment plan were submitted by the Mayor on September 7, 1979 and May 6, 1981.

(21) Amendments to the District's Air Quality Control Regulations for control of particulate matter, carbon monoxide and ozone were submitted by the Mayor on June 23, 1981.

(42 U.S.C. 7401-7642)

[37 FR 19814, Sept. 22, 1972]

Editorial Note: For Federal Register citations to § 52.470, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.471 Classification of regions.

The District of Columbia plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
National Capital Interstate	I	I	III	I	I

(42 U.S.C. 7401-7642)

[37 FR 10857, May 31, 1972, as amended at 39 FR 16346, May 8, 1974; 46 FR 61263, Dec. 16, 1981]

§ 52.472 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves the District of Columbia's plan for the attainment and maintenance of the national standards.

(b) With respect to the transportation control strategies submitted on April 19, July 9, and July 16, 1973, the Administrator approves the measures for parking surcharge, car pool locator, vehicle inspection, express bus lanes, increased bus fleet and service, elimination of free parking by private employers, with exceptions set forth in §§ 52.476, 52.483, 52.486, and 52.479.

(c) With the exceptions set forth in this subpart, the Administrator approves the District of Columbia's plan for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds that the plan satisfies all requirements of Part D, Title 1, of the Clean Air Act as amended in 1977.

(42 U.S.C. 7401-7642)

[38 FR 33709, Dec. 6, 1973, as amended at 46 FR 61263, Dec. 16, 1981]

§ 52.473 Extensions.

The Administrator hereby extends the date for attainment of the ozone and carbon monoxide National Ambient Air Quality Standards in the District of Columbia portion of the National Capital Interstate Air Quality Control Region to allow for attainment of the NAAQS as expeditiously as possible but no later than December 31, 1987.

(42 U.S.C. 7401-7642)

[46 FR 61263, Dec. 16, 1981]

§§ 52.474—52.478 [Reserved]

§ 52.479 Source surveillance.

(a) [Reserved]

(b) The requirements of § 51.19(d) are not met with respect to the strategies for carpool locator service. The remaining transportation measures in the previously Federally-promulgated implementation plan have been mooted by court decision (*District of Columbia* v. *Costle*, 567 F. 2d 1091 (D.C. Cir 1977)) or rescinded by EPA.

[46 FR 61263, Dec. 16, 1981]

§ 52.480 [Reserved]

§ 52.481 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in the District of Columbia plan.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone[1]
	Primary	Secondary	Primary	Secondary			
National Capital Interstate	a[2]	a[2]	b[4]	b[2]	b[4]	c[5]	c[5]

a December 31, 1982.

b Air quality levels presently below secondary standards.

c As expeditiously as practicable but not later than December 31, 1987.

[1] Previously "Photochemical Oxidants (hydrocarbons)."

[2] Previously 13 years from plan approval or promulgation.

[3] Previous footnote: Transportation and/or land use control strategy to be submitted no later than April 15, 1973.

[4] Previous footnote: Air quality levels presently below secondary standard.

[5] Previous footnote: May 31, 1977.[3]

NOTE: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are provided as numeric footnotes in this chart.

(42 U.S.C. 7401-7642)

[37 FR 19814, Sept. 22, 1972, as amended at 46 FR 61263, Dec. 16, 1981]

§§ 52.482—52.496 [Reserved]

§ 52.497 Maintenance of national standards.

(a) The requirements of § 51.12(e) and § 51.5 of this chapter are not met since the District neither identified areas of the District that have the potential for violation of air quality standards within 10 years nor provided a justification that there are no such areas in the District.

(b) The area listed below is hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified area consists of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) National Capital Interstate Air Quality Maintenance Area (District of Columbia Portion).

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of area:

District of Columbia

[40 FR 41949, Sept. 9, 1975]

§ 52.498 [Reserved]

§ 52.499 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.*

The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the District of Columbia.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); Sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart K—Florida

§ 52.520 Identification of plan.

(a) Title of plan: "State of Florida Air Implementation Plan."

(b) The plan was officially submitted on January 27, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Notification of adoption of standard procedures to test and evaluate air pollution sources submitted on April 10, 1972, by the Florida Department of Pollution Control.

(2) Miscellaneous non-regulatory additions to the plan submitted on May 5, 1972, by the Florida Department of Pollution Control.

(3) Compliance schedules submitted on June 1, 1973, by the Florida Department of Pollution Control.

(4) Compliance schedules submitted on August 6, 1973, by the Florida Department of Pollution Control.

(5) Revision of the State permit system to include indirect sources, Section III, Chapter 17-2, submitted on September 25, 1973, by the Florida Department of Pollution Control.

(6) Compliance schedules submitted on February 26, 1974, by the Florida Department of Pollution Control.

(7) Identification of ten AQMA's submitted on May 30, 1974, by the Florida Department of Pollution Control.

(8) Request that EPA defer identification of seven AQCR's submitted on September 25, 1974, by the Florida Department of Pollution Control.

(9) Additional information relating to the September 25, 1974, deferral request submitted on November 21, 1974, by the Florida Department of Pollution Control.

(10) Additional information relating to the September 25, 1974, deferral request submitted on January 9, 1975, by the Florida Department of Pollution Control.

(11) Revision to SO_2 emission limits for sulfur recovery plants and sulfuric acid plants submitted on February 12, 1975, by the Florida Department of Pollution Control.

(12) Request for deletion of four AQMA's from the AQMA identification list submitted on March 31, 1975, by the Florida Department of Pollution Control.

(13) Additional information supporting the March 31, 1975, deletion request submitted on April 9, 1975, by the Florida Department of Pollution Control.

(14) Additional information supporting the March 31, 1975, deletion request submitted on April 15, 1975, by the Florida Department of Pollution Control.

(15) Revised limits on sulfur dioxide emissions from fossil-fuel-fired steam generators were submitted on July 26, 1975, by the Department of Environmental Regulation. (No action is taken on these new limits as they apply to Duval County.)

(16) Revised ambient sulfur dioxide standards for Broward, Dade, and Palm Beach Counties, submitted on December 15, 1975, by the Florida Department of Environmental Regulation.

(17) Revised burning rule for cold or frost protection, submitted on January 14, 1976, by the Florida Department of Environmental Regulation.

(18) 1979 implementation plan revisions for nonattainment areas, (sulfur dioxide and ozone), submitted on April 30, 1979, as supplemented with August 27, 1979 and January 23, 1980 submittals by the Florida Department of Environmental Regulation.

(19) August 31, 1979, submittal of variance granted to FP&L for increased emissions of particulates, sulfur dioxide and visible emissions. This variance is in effect from July 25, 1979, to July 25, 1981. The TSP variance for Turkey Point and Port Everglades are disapproved while remaining portions are approved.

(20) Limited variance from particulate, visible, and excess emissions limits granted to Florida Power and Light for Unit 4 of its Sanford station, submitted on February 4, 1980, by the Department of Environmental Regulation.

(21) [Reserved]

(22) Pursuant to Section 127 of the Clean Air Act, the Florida Department of Environmental Regulation submitted on April 15, 1980 a revision to the SIP concerning provisions for public notification and awareness.

(23) The air quality surveillance plan revision was submitted by the Florida Department of Environmental Regulation on December 11, 1979 and updates Florida's SIP to meet EPA requirements as set forth in 40 CFR Part 58 (44 FR 27558, May 10, 1979).

(24) Reformatting of the Rules and Regulations portion of the Florida State Implementation Plan, submitted on May 8, 1978, by the Florida Department of Environmental Regulation.

(25) Revisions to the Sulfur Dioxide Emission Limiting Regulations applicable to specific Fossil Fuel Steam Generators, submitted on November 6, 1978, and February 3, 1979, by the Florida Department of Environmental Regulation.

(26) Request for delegation of authority for PSD submitted on September 22, 1980, by the Department of Environmental Regulation.

(27) Corrections in 1979 revisions for ozone nonattainment areas (Broward, Dade, Duval, Hillsborough, Orange, Palm Beach, and Pinellas Counties) submitted on May 28, 1980, by the Florida Department of Environmental Regulation to meet conditions of the conditional approval of March 18, 1980 (45 FR 17140).

(28) Revised limits on visible emissions from new sulfuric and nitric acid plants and mass particulate emission limits new Portland cement plants, submitted on July 16, 1976, by the Department of Environmental Regulation.

(29) Revised Opacity Limits for Monsanto Textile Co., Pensacola, Florida, submitted on December 19, 1979, by the Florida Department of Environmental Regulation.

(30) Operating permit for Stauffer Chemical Company, submitted on August 4, 1980, by the Florida Department of Environmental Regulation, to satisfy a condition of the approval of the 1979 revisions for the Pinellas County SO_2 nonattainment area.

(31) Revised ambient CO and TSP standards applicable in Broward, Dade, and Palm Beach Counties, submitted on August 6, 1976, by the Florida Department of Environmental Regulation.

(32) Set II VOC regulations, submitted on August 28, 1980, by the Florida Department of Environmental Regulation.

(33) Amendments to Florida's continuous monitoring rule, submitted on January 27, 1978, by the Department of Environmental Regulation.

(34) Revisions in Sections 17-2.21 and 17-2.32 of the Florida Administrative Code, adopting, in part, Federal NSPS and NESHAPS regulations, submitted by the Florida Department of Environmental Regulation on August 28, 1980.

(35) Revision of gasoline bulk plant rule, submitted on October 15, 1980, by the Florida Department of Environmental Regulation.

(36) Variance granted to Florida Power and Light Company for Unit 4 of its Sanford station, submitted on August 11, 1981, by the Department of Environmental Regulation. This variance is applicable until July 1, 1984, or until thirty months after EPA approval, whichever, is later, for particulate, visible, and sulfur dioxide emissions.

(37) [Reserved]

(38) Revocation of complex source rules, submitted on August 11, 1981, by the Florida Department of Environmental Regulation.

(39) [Reserved]

(40) Amendments to upset, startup and malfunction rule, submitted on August 12, 1976; revisions to section 17-2.05(14) FAC (excess emissions) and 17-2.05(6) Table II, E., FAC, fossil fuel steam generators-visible emissions, submitted on October 19, 1979; revision describing compliance testing for amendments in section 17-2.05 (14) and (6), submitted on September 24, 1980, by the Department of Environmental Regulation.

(41) Reformatting of the rules and regulations portion of the Florida State Implementation Plan, submitted on August 11, 1981, by the Florida Department of Environmental Regulation.

(42) Revised open burning and frost protection rule and ambient lead standard, submitted on December 23, 1981, by the Florida Department of Environmental Regulation.

(43) On July 14, 1980, the Florida Department of Environmental Regulation (FDER) submitted a revision pertaining to deletion of the regulation on existing petroleum refineries in nonattainment areas and adding test methods for gasoline truck tanks, vapor collection systems, volatile organic compound (VOC) content of coating materials and gasoline bulk terminals for sources located in ozone nonattainment areas. On May 30, 1980, FDER submitted a revision establishing incremental compliance dates for existing VOC sources and extending final compliance dates for certain gasoline service stations. On December 23, 1981, FDER submitted a revision establishing test methods for certain VOC sources, adopting three definitions used in the test methods, and exempting six VOCs.

(44) Revised SO_2 limits for the Gannon Station of Tampa Electric Company, submitted on December 3, 1980, and associated methods of coal sampling and analysis, submitted on February 16, 1982, by the Florida Department of Environmental Regulation.

(45) [Reserved]

(46) Miscellaneous regulation changes, submitted on August 11, 1981, by the Florida Department of Environmental Regulation.

(Secs. 101, 110, 172 and 301 of the Clean Air Act (42 U.S.C. 7401, 7410, 7502 and 7601))

[37 FR 10858, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.520, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE:

In § 52.520, paragraph (c)(43) was added at 47 FR 19994, May 10, 1982, effective July 9, 1982; paragraph (c)(46) was added at 47 FR 26386, June 18, 1982, effective August 17, 1982; and paragraph (c)(44) was added at 47 FR 28097, June 29, 1982, effective July 29, 1982.

§ 52.521 Classification of regions.

The Florida plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Mobile (Alabama)-Pensacola-Panama City (Florida)-Southern Mississippi Interstate	I	I	III	III	I
Jacksonville (Florida)-Brunswick (Georgia) Interstate	I	II	III	III	I
West Central Florida Intrastate	I	I	III	III	III
Central Florida Intrastate	II	III	III	III	III
Southwest Florida Intrastate	III	III	III	III	III
Southeast Florida Intrastate	II	III	III	III	III

[37 FR 10858, May 31, 1972, as amended 39 FR 16346, May 8, 1974]

§ 52.522 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Florida's plans for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plans satisfy all requirements of Part D, Title I, of the Clean Air Act as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D, for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for those sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

[45 FR 17143, Mar. 18, 1980]

§ 52.523 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Florida's plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Mobile (Alabama)-Pensacola, Panama City (Florida)-Southern Mississippi Interstate:							
a. Escambia County	a	a	f	a	c	c	f
b. Rest of AQCR	a	a	a	a	c	c	a
Jacksonville (Florida)-Brunswick (Georgia) Interstate:							
a. Leon County	a	a	a	a	c	c	f
b. Duval County [1]	a	*e*	f	a	c	c	*d*
c. Rest of AQCR	a	a	a	a	c	c	a
West Central Florida Intrastate:							
a. Hillsborough County [1]	a	*e*	f	a	c	c	*d*
b. Pinellas County [1]	a	a	*e*	*e*	c	c	*d*
c. Pasco County	a	a	f	f	c	c	c
d. Polk County	a	f	a	a	c	c	c
e. Rest of AQCR	a	a	a	a	c	c	d
Central Florida Intrastate:							
a. Seminole County	b	f	c	c	c	c	c
b. Orange County	b	a	c	c	c	c	*d*
c. Rest of AQCR	b	a	c	c	c	c	c
Southeast Florida Intrastate:							
a. Dade County	b	a	c	c	c	c	*d*
b. Broward County	b	a	c	c	c	f	*d*
c. Palm Beach County	b	a	c	c	c	c	*d*
d. Rest of AQCR	b	a	c	c	c	c	c
Southwest Florida Intrastate	c	c	c	c	c	c	c

[1] For more precise delineation, see § 81.310 of this chapter.

Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.2223 (1978).

NOTE: Dates or footnotes which are italic are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

a. July 1975.
b. Air quality levels presently below primary standards.
c. Air quality levels presently below secondary standards.
d. December 31, 1982.
e. To be determined at a later date.
f. Area is unclassifiable.

[45 FR 17143, Mar. 18, 1980]

§ 52.524 Compliance schedules.

(a) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(b) *Federal compliance schedules.* (1) Except as provided in paragraph (b)(6) of this section, the owner or operator of any stationary source subject to the following emission limiting regulations in the Florida implementation plan shall comply with the compliance schedule in paragraph (b)(2) of this section, Rules of the State of Florida, Department of Pollution Control, Air Pollution, subsections 17-2.04(2); 17-2.04(3); 17-2.04(6)(a); 17-2.04(6)(b); 17-2.04(6)(d); 17-2.04(6)(e)2.a; 17-2.04(6)(e)3.b; 17-2.04(6)(f); and 17-2.04(6)(h).

(2) Compliance schedule. (i) November 1, 1973—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) January 1, 1974—Negotiate and sign all necessary contracts for emission control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) February 1, 1974—Initiate onsite construction or installation of emission control equipment or process modification.

(iv) May 1, 1975—Complete onsite construction or installation of emission control equipment or process modification.

(v) July 1, 1975—Achieve compliance with the applicable regulations, and certify such compliance to the Administrator.

(vi) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by July 1, 1975. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(vii) Five days after the deadline for completing paragraphs (b)(2) (ii) through (iv) in this section, certify to the Administrator whether the increment has been met.

(3) Except as provided in paragraph (b)(6) of this section, the owner or operator of any boiler or furnace of more than 250 million Btu per hour heat input subject to the requirements of Rules of the State of Florida, Department of Pollution Control, Air Pollution, subsections 17-2.04(6)(e)2. c. and d. contained as part of the Florida Implementation Plan shall notify the Administrator, no later than October 1, 1973, of his intent to utilize either low-sulfur fuel or stack gas desulfurization to meet these requirements.

(4) Any owner or operator of a stationary source subject to paragraph (b)(3) of this section who elects to utilize low-sulfur fuel shall be subject to the following compliance schedule:

(i) November 1, 1973—Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with the applicable regulation on July 1, 1975, and for at least one year thereafter.

(ii) December 31, 1973—Sign contracts with fuel suppliers for fuel requirements as projected above.

(iii) January 31, 1974—Submit a statement as to whether boiler modifications will be required. If modifications will be required, submit plans for such modifications.

(iv) March 15, 1974—Let contracts for necessary boiler modifications, if applicable.

(v) June 15, 1974—Initiate onsite modifications, if applicable.

(vi) March 31, 1975—Complete onsite modifications, if applicable.

(vii) July 1, 1975—Achieve compliance with the requirements of Florida Air Pollution Rules subsections 17-2.04(6)(e)2. c. and d. and certify such compliance to the Administrator.

(viii) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by July 1, 1975. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(ix) Five days after the deadline for completing paragraphs (b)(4) (ii) through (vi) of this section, certify to the Administrator whether the increment has been met.

(5) Any owner or operator subject to paragraph (b)(3) of this section, who elects to utilze stack gas desulfurization shall be subject to the compliance schedule in paragraph (b)(2) of this section.

(6) (i) None of the above paragraphs shall apply to a source which is presently in compliance with applicable regulations and which has certified such compliance to the Administrator by October 1, 1973. The Administrator

may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date on the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(7) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (b)(2) or (4) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(c) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

AIR QUALITY CONTROL REGION NO. 5

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
BAY COUNTY					
Arizona Chemical Co. Permit no. AO 03-744.	Panama City, Florida.	17-2.03(1) 17-2.04(2).	May 15, 1973	Immediately	Mar. 1, 1974.
Cove Contractors Permit no. AO 03-366.	do	17-2.04(6)(e)3	do	do	Jan. 1, 1974.
International Paper Company:					
Power Boiler No. 4 Permit no. AO 03-691.	do	17-2.04(6)(e)2	do	do	Do.
Power Boiler No. 5 Permit no. AO 03-692.	do	17-2.04(6)(e)2	do	do	Do.
Gulf Power Company Smith Generating Station Board Order—AP-765-73.	do	17-2.04(6)(e)2a & d.	July 30, 1973	do	July 1, 1975.
International Paper Company:					
Bark Boiler No. 3 Permit no. AO 03-693.	do	17-2.04(2)	May 15, 1973	do	Do.
Bark Boiler No. 4 Permit no. AO 03-694.	do	17-2.04(2)	do	do	Do.
CALHOUN COUNTY					
Hayes Forest Products Industries:					
TeePee Burner (25 ft. Dia.) Permit no. SO 07-502.	Blountstown, Florida.	17-2.04(6)(a)	May 15, 1973	Immediately	Nov. 1, 1974.
TeePee Burner (20 ft. Dia.) Permit no. SO 07-503.	do	17-2.04(6)(a)	do	do	Do.
ESCAMBIA COUNTY					
Alger-Sullivan Co.:					
(a) Two Boilers with Common Stack Permit no. AO 17-1073.	Century, Florida	17-2.04(2)	May 15, 1973	Immediately	Aug. 30, 1973.
(b) Dry Shaving Cyclone Permit no. AO 17-1075.	do	17-2.04(2)	do	do	Do.
Atmore Pole & Timber Company Permit no. AO 17-983.	Davisville, Florida.	17-2.04(6)(a)	do	do	Dec. 30, 1973.
American Creosote Works, Inc. Permit no. AO 17-980.	Pensacola, Florida.	17-2.04(2)	do	do	Jan. 15, 1974.
Boise Cascade Corporation Board Order AP-784-73.	Cantonment, Florida.	17-2.04(2)	July 11, 1973	do	May 24, 1974.
Brickerstaff Clay Products Co. Permit no. AO 17-2003.	Barth, Florida	17-2.04(2)	May 15, 1973	do	Jan. 1, 1974.

AIR QUALITY CONTROL REGION NO. 5—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Escambia Treating Co. Permit no. AO 17-937.	Pensacola, Florida.	17-2.04(2)	do	do	Oct. 30, 1973.
Louisiana Land & Exploration Co.:					
(a) Wiggins Lake Prod. Facility No. 1 Permit no. AO 17-522.	Century, Florida	17-2.04(6)(h)2a	do	do	July 1, 1975.
(b) Wiggins Lake Prod. Treating Facilities No. 2 Permit no. AO 17-736.	do	17-2.04(6)(h)2a	do	do	Do.
Monsanto Corporation:					
(a) Adipic Acid Synthesis Permit no. AO 17-687.	Gonzales, Florida.	17-2.04(2)	do	do	Mar. 15, 1974.
(b) Ammonia Oxidation Permit no. AO 17-686.	do	17-2.04(6)(g)	do	do	Do.
St. Regis Paper Company:					
(a) No. 1 Power Boiler, No. 1 Mill Permit no. AO 17-542.	Cantonment, Florida.	17-2.04(6)(e)2	do	do	July 1, 1973.
(b) No. 2 Power Boiler, No. 2 Mill Permit no. AO 17-543.	do	17-2.04(6)(e)2	do	do	Do.
(c) No. 3 Power Boiler, No. 1 Mill Permit no. AO 17-544.	do	17-2.04(6)(e)2	do	do	Do.
(d) No. 4 Power Boiler, No. 2 Mill Permit no. AO 17-545.	do	17-2.04(6)(e)2	do	do	Do.
(e) No. 1 Power Boiler, No. 2 Mill Permit no. AO 17-621.	do	17-2.04(6)(e)2	do	do	Do.
(f) No. 3 Power Boiler, No. 2 Mill Permit no. AO 17-626.	do	17-2.04(6)(e)2	do	do	Do.
Weis Fricker Mahogany Company Permit no. AO 17-396.	Pensacola, Florida.	17-2.04(2)	do	do	May 24, 1974.
Gulf Power Company Crist Generating Station Board Order—AP-765-73.	do	17-2.04(6)(e)2a & d.	July 30, 1973	do	July 1, 1975.
St. Regis Paper Company:					
No. 1 Lime Kiln Permit no. AO 17-539.	Cantonment, Florida.	17-2.04(2)	May 15, 1973	do	Do.
No. 2 Lime Kiln Permit no. AO 17-540.	do	17-2.04(2)	do	do	Do.
No. 3 Lime Kiln Permit no. AO 17-541.	do	17-2.04(2)	do	do	Do.
No. 1 Dissolving Tank, No. 1 Mill Permit no. AO 17-619.	do	17-2.04(2)	do	do	Do.
No. 2 Dissolving Tank, No. 1 Mill Permit no. AO 17-620.	do	17-2.04(2)	do	do	Do.
No. 1 Dissolving Tank, No. 2 Mill Permit no. AO 17-622.	do	17-2.04(2)	do	do	Do.
No. 2 Dissolving Tank, No. 2 Mill Permit no. AO 17-623.	do	17-2.04(2)	do	do	Do.
No. 3 Dissolving Tank, No. 2 Mill Permit no. AO 17-627.	do	17-2.04(2)	do	do	Do.
No. 4 Dissolving Tank, No. 2 Mill Permit no. AO 17-628.	do	17-2.04(2)	do	do	Do.
No. 1, No. 2 Recovery Boiler, No. 1 Mill Permit no. AO 17-624.	do	17-2.04(6)(d)1	do	do	Do.
No. 1, No. 2 Recovery Boiler, No. 2 Mill Permit no. AO 17-625.	do	17-2.04(6)(d)1	do	do	Do.
No. 3, No. 4 Recovery Boiler, No. 2 Mill Permit no. AO 17-629.	do	17-2.04(6)(d)1	do	do	Do.
GULF COUNTY					
Basic Magnesia Inc:					
Magnesium Oxide Calciner No. 1 Permit no. AO 23-339.	Port St. Joe, Florida.	17-2.04(2)	May 15, 1973	Immediately	Jan. 1, 1974.
Magnesium Oxide Calciner No. 2 Permit no. AO 23-340.	do	17-2.04(2)	do	do	Do.

AIR QUALITY CONTROL REGION NO. 5—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
St. Joe Paper Company:					
Power Boiler No. 3 Permit no. AO 23-445.	do	17-2.04(6)(e)3	do	do	May 24, 1974.
Power Boiler No. 4 Permit no. AO 23-446.	do	17-2.04(2)	do	do	Do.
Power Boiler No. 5 Permit no. AO 23-447.	do	17-2.04(6)(e)3	do	do	Do.
Power Boiler No. 6 Permit no. AO 23-448.	do	17-2.04(6)(e)3	do	do	Do.
Power Boiler No. 7 Permit no. AO 23-449.	do	17-2.04(6)(e)3	do	do	Do.
Power Boiler No. 8 Permit no. AO 23-450.	do	17-2.04(6)(e)3	do	do	Do.
Basic Magnesia, Inc: Periclase Rotary Kiln Permit no. AO 23-337.	do	17-2.04(2)	do	do	Jan. 1, 1975.
St. Joe Paper Company:					
Power Boiler No. 1 Permit no. AO 23-443.	do	17-2.04(2)	do	do	June 30, 1975.
Power Boiler No. 2 Permit no. AO 23-444.	do	17-2.04(2)	do	do	Do.
Recovery Boiler No. 4 Smelt Tank Permit no. AO 23-458.	do	17-2.04(6)(d)1	do	do	Do.
JACKSON COUNTY					
Dixie Lime & Stone Company, Green Valley Plant Permit no. AO 32-1059.	Marianna, Florida.	17-2.04(2)	May 15, 1973	Immediately	Jan. 1, 1974.
Gold Kist Peanuts Permit no. AO 32-1080.	Graceville, Florida.	17-2.04(2) 17-2.04(6)(e)3.	do	do	Apr. 30, 1974.
Gulf Power Company Scholz Generating Sta. Board Order—AP-765-73.	Sueads, Florida	17-2.04(6)(e)2a & d.	July 30, 1973	do	July 1, 1975.
SANTA ROSA COUNTY					
Air Products & Chemicals, Inc. (Escambia Chemical Corporation):					
No. 2 Nitric Acid Plant Permit no. AO 57-2003.	Pace, Florida	17-2.04(6)(g)2	May 15, 1973	Immediately	July 1, 1975.
No. 1 Nitric Acid Plant Permit no. AO 57-2002.	do	17-2.04(6)(g)2	do	do	Do.
Amerada-Hess Oil Permit no. AO 57-2001.	Jay, Florida	17-2.04(6)(h)2	do	do	Do.
Exxon Company, USA:					
Facility No. 2 Permit no. AO 57-1066.	do	17-2.04(6)(h)2	do	do	Do.
Facility No. 3 Permit no. AO 57-1096.	do	17-2.04(6)(h)2	do	do	Do.
Facility No. 4 Permit no. AO 57-1101.	do	17-2.04(6)(h)2	do	do	Do.
Facility No. 5 Permit no. AO 57-1115.	do	17-2.04(6)(h)2	do	do	Do.
Sun Oil Company Permit no. AO 57-1061.	do	17-2.04(6)(h)2	do	do	Do.
Air Products & Chemicals, Inc: Ammonium Nitrate Prill Plant Permit no. AO 57-2004.	Pace, Florida	17-2.04(2)	do	do	Do.

AIR QUALITY CONTROL REGION NO. 48

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
ALACHUA COUNTY					
Colonial Stores, Inc. Store No. 7714, Sunshine Mall Permit no. SO 01-2015.	Gainesville, Florida.	17-2.04(6)(a)	May 15, 1973	Immediately	Mar. 15, 1975.
Colonial Stores, Inc. Store No. 7713, Royal Park Plaza Permit no. SO 01-2016.	do	17-2.04(6)(a)	do	do	Do.
BREVARD COUNTY					
Houdaille-Duval-Wright Company Permit no. AO 5-369.	Sharpes, Florida	17-2.04(2)	Apr. 17, 1973	Immediately	July 1, 1974.
IGA Market Board Order AP-773-73.	Melbourne, Florida.	17-2.04(6)(a)	July 11, 1973	do	July 1, 1975.
Macasphalt Corporation, Florida Hot Mix Div. Permit no. AO 5-326.	Eau Gallie, Florida.	17-2.04(2)	Apr. 17, 1973	do	July 1, 1974.
Orlando Utilities Commission, Indian River Plant:					
Unit No. 1 Permit no. AO 5-505.	Titusville, Florida.	17-2.04(6)(e)2.c	do	do	July 1, 1975.
Unit No. 2 Permit no. AO 5-506.	do	17-2.04(6)(e) 2.c.	do	do	Do.
Winn Dixie Stores, Inc. No. 10 Permit no. SO 5-112.	Melbourne, Florida.	17-2.04(6)(a)	do	do	Mar. 2, 1974.
Winn Dixie Stores, Inc. No. 89 Permit no. SO 5-144.	Eau Gallie, Florida.	17-2.04(6)(a)	do	do	Do.
Winn Dixie Stores, Inc. No. 104 Permit no. SO 5-113.	Satellite Beach, Florida.	17-2.04(6)(a)	do	do	Do.
LAKE COUNTY					
Florida Food Products Inc:					
Citrus Peel Dryer Permit no. AO 35-59.	Eustis, Florida	17-2.04(2) & (4)	Apr. 17, 1973	Immediately	June 1, 1975.
Citrus Peel Cooler Permit no. AO 35-60.	do	17-2.04(2) & (4)	do	do	Do.
Growers Container Cooperative, Inc: Board Order AP-789-73.	Leesburg, Florida.	17-2.04(6)(a)	July 11, 1973	do	May 1, 1975.
Macasphalt Corp: No. 9 Unit Permit no. AO 35-420.	Astalula, Florida	17-2.04(2)	Apr. 17, 1973	do	July 1, 1974.
Mascasphalt Corp: No. KG-20 Unit Permit no. AO 35-9.	Okahumpha, Florida.	17-2.04(2)	do	do	June 30, 1973.
Walling Crate Co. Board Order AP-787-73.	Leesburg, Florida.	17-2.04(2)	July 11, 1973	do	July 1, 1975.
ORANGE COUNTY					
Basic Asphalt & Construction Corp. Permit no. AO 48-466.	Lockhart, Florida.	17-2.04(2)	Apr. 17, 1973	Immediately	June 30, 1973.
Fairvilla Fresh Fruit Co. (Coca Cola Foods Div.) Permit no. AO 48-751.	Orlando, Florida	17-2.04(6)(e)	do	do	July 1, 1975.
Fairway Market Board Order AP-788-73.	do	17-2.04(6)(a)	July 11, 1973	do	Do.
Goodyear Recapping Industries Permit no. AO 48-464.	do	17-2.03(1)	Apr. 17, 1973	do	June 30, 1973.
Orange Co. Concrete (Florida Mining & Materials Corp.) Permit no. AO 48-867.	do	17-2.04(2)	do	do	Sept. 30, 1973.
Orlando General Hosp. Permit no. SO 48-419.	do	17-2.04(6)(a)	do	do	Sept. 18, 1973.
Orlando Paving Co. Permit no. AO 48-2019.	Pine Hills, Florida.	17-2.04(2)	do	do	June 1, 1974.
Orlando Utilities Commission—Lake Highland Plant:					
Boiler No. 1 Permit no. AO 48-501.	Orlando, Florida	17-2.04(6)(e)2.c	do	do	July 1, 1975.

AIR QUALITY CONTROL REGION NO. 48—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Boiler No. 2 Permit no. AO 48-502.	do	17-2.04(6)(e)2.c.	do	do	Do.
Boiler No. 3 Permit no. AO 48-503.	do	17-2.04(6)(e) 2.c.	do	do	Do.
Boiler No. 4 Permit no. AO 48-504.	do	17-2.04(6)(e) 2.c.	do	do	Do.
Plymouth Citrus Products Cooperative:					
Heil Dryer No. 6 Permit no. AO 48-3.	Plymouth, Florida.	17-2.04(2)	do	do	Nov. 30, 1973.
Heil Dryer No. 5 Permit no. AO 48-4.	do	17-2.04(2)	do	do	Do.
Taft Asphalt Permit no. AO 48-518.	Taft, Florida	17-2.04(2)	do	do	July 1, 1974.
Winter Garden Citrus Products Cooperative:					
Dryer No. 2 Permit no. AO 48-44.	Winter Garden, Florida.	17-2.04(2)	do	do	July 30, 1973.
Dryer No. 4 Permit no. AO 48-46.	do	17-2.04(2)	do	do	Do.
Winter Park Memorial Hospital: Permit no. SO 48-402.	do	17-2.04(6)(a)	do	do	May 15, 1974.
Winn Dixie Stores, Inc:					
Store No. 20 Permit no. SO 48-102.	Orlando, Florida	17-2.04(6)(a)	do	do	March 2, 1974.
Store No. 41 Permit no. SO 48-109.	do	17-2.04(6)(a)	do	do	Do.
Store No. 48 Permit no. SO 48-101.	Winter Garden, Florida.	17-2.04(6)(a)	do	do	Do.
Store No. 69 Permit no. SO 48-103.	Maitland, Florida.	17-2.04(6)(a)	do	do	Do.
Store No. 78 Permit no. SO 48-104.	Apopka, Florida	17-2.04(6)(a)	do	do	Do.
Store No. 98 Permit no. SO 48-106.	Pine Castle, Florida.	17-2.04(6)(a)	do	do	Do.
Store No. 103 Permit no. SO 48-107.	Orlando, Florida	17-2.04(6)(a)	do	do	Do.
Store No. 121 Permit no. SO 48-2009.	do	17-2.04(6)(a)	do	do	Do.
City of Orlando Incinerator Permit no. SO 48-507.	do	17-2.04(6)a	do	do	Jan. 1, 1975.
OSCEOLA COUNTY					
City of Kissimmee, (Electric Generating Facility) Permit no. AO 49-648.	Kissimmee, Florida.	17-2.04(1)a	Apr. 17, 1973	Immediately	Jan. 1, 1975.
The Marks—St. Cloud, Inc. Permit no. SO 49-493.	St. Cloud, Florida.	17-2.04(6)(a)	do	do	May 15, 1974.
Osceola Fruit Distributors, Inc. Permit no. AO 49-357.	Kissimmee, Florida.	17-2.04(2)	do	do	July 15, 1973.
Osceola Tire Service Permit no. AO 49-439.	do	17-2.03(1)	do	do	June 1, 1973.
SEMINOLE COUNTY					
D. F. Asphalt Co. Permit no. AO 59-630.	Sanford, Florida	17-2.04(2)	Apr. 17, 1973	Immediately	Oct. 20, 1973.
Hi Acres Concentrate, Inc. Permit no. AO 59-54.	Forrest City, Florida.	17-2.04(2)	do	do	Jan. 1, 1975.
K-Mart (Colonial Stores, Inc.) Permit no. SO 59-448.	Fern Park, Florida.	17-2.04(6)(a)	do	do	May 15, 1974.
Macasphalt Corporation Unit 5 Permit no. AO 59-554.	North Orlando, Florida.	17-2.04(2)	do	do	July 1, 1974.
Seminole Memorial Hosp. Permit no. SO 59-362.	Sanford, Florida	17-2.04(6)(a)	do	do	May 15, 1974.

AIR QUALITY CONTROL REGION NO. 48—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
VOLUSIA COUNTY					
Florida Power Corp., Turner Plant:					
Unit No. 1 Permit no. AO 64-378.	Enterprise, Florida.	17-2.04(6)(e)2.c	Apr. 17, 1973	Immediately	Jan. 15, 1975.
Unit No. 2 Permit no. AO 64-379.	do	17-2.04(6)(e)2.c	do	do	Do.
Unit No. 3 Permit no. AO 64-380.	do	17-2.04(6)(e)2.c	do	do	Do.
Unit No. 4 Permit no. AO 64-381.	do	17-2.04(6)(e)2.c	do	do	Do.
K-Mart (Colonial Stores Inc.) Permit no. SO 64-446.	Daytona Beach, Florida.	17-2.04(6)(a)	do	do	May 15, 1974.
Meadow Gold of Florida (Beatrice Foods Inc.) Permit no. SO 64-467.	Orange City, Florida.	17-2.04(6)(a)	do	do	Do.
Winn Dixie Stores, Inc.:					
Store No. 4 Permit no. SO 64-98.	New Smyrna Bch, Florida.	17-2.04(6)(a)	do	do	Mar. 2, 1974.
Store No. 47 Permit no. SO 64-86.	Deland, Florida	17-2.04(6)(a)	do	do	Do.
Store No. 52 Permit no. SO 64-77.	do	17-2.04(6)(a)	do	do	Do.
Store No. 62 Permit no. SO 64-78.	Daytona Beach, Florida.	17-2.04(6)(a)	do	do	Do.
Store No. 109 Permit no. SO 64-82.	Port Orange, Florida.	17-2.04(6)(a)	do	do	Do.
Store No. 113 Permit no. SO 64-95.	Deltona, Florida	17-2.04(6)(a)	do	do	Do.

AIR QUALITY CONTROL REGION NO. 49

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
BRADFORD COUNTY					
Bradford County Hosp. Board Order—AP-781-73.	Starke, Florida	17-2.04(6)(a)	July 11, 1973	Immediately	Mar. 15, 1974.
CLAY COUNTY					
Clay Memorial Hosp. Board Order—AP-782-73.	Green Cove Springs, Florida.	17-2.04(6)(a)	July 11, 1973	Immediately	March 15, 1974.
Solite Corporation:					
Kiln No. 2 Permit no. AO 10-2032.	do	17-2.04(2)	May 15, 1973	do	Jan. 1, 1974.
Kiln No. 3 Permit no. AO 10-2033.	do	17-2.04(2)	do	do	Do.
Kiln No. 4 Permit no. AO 10-2034.	do	17-2.04(2)	do	do	Do.
Kiln No. 5 Permit no. AO 10-2035.	do	17-2.04(2)	do	do	Do.
COLUMBIA COUNTY					
American Wood Products Permit no. AO 12-2036.	Lake City, Florida.	17-2.04(2)	May 15, 1973	Immediately	June 5, 1974.
DIXIE COUNTY					
Georgia-Pacific Corporation Permit no AO 15-2040.	Cross City, Florida.	17-2.04(2)	May 15, 1973	Immediately	July 1, 1974.

Air Quality Control Region No. 49—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
DUVAL COUNTY					
Asphalt Contracting Company Permit no AO 16-2031.	Jacksonville, Florida.	17-2.04(2)	May 15, 1973	Immediately	July 1, 1973.
Colonial Stores, Inc. 5950 Ramona Blvd. Permit no. SO 16-2020.	do	17-2.04(6)(a)	do	do	Mar. 15, 1974.
Colonial Stores, Inc. 7450 Beach Blvd. Permit no. SO 16-2021.	do	17-2.04(6)(a)	do	do	Do.
Colonial Stores, Inc. 925 S. McDuff Ave. Permit no. SO 16-2026.	do	17-2.04(6)(a)	do	do	Do.
Colonial Stores, Inc. Store No. 7200 Univ. Blvd. Permit no. SO 16-2027.	do	17-2.04(6)(a)	do	do	Do.
Jacksonville Electric Authority, Kennedy Station:					
Unit No. 8 Permit no. AO 16-734.	do	17-2.04(6)(e)	do	do	June 30, 1975.
Unit No. 9 Permit no. AO 16-733.	do	17-2.04(6)(e)	do	do	Do.
Unit No. 10 Permit no. AO 16-732.	do	17-2.04(6)(e)		do	Do.
Jacksonville Electric Authority, Northside Station: Unit No. 1 Permit no. AO 16-731.	do	17-2.04(6)(e)	do	do	Do.
Jacksonville Electric Authority, Southside Station:					
Unit No. 1 Permit no. AO 16-726.	do	17-2.04(6)(e)	do	do	Do.
Unit No. 2 Permit no. AO 16-727.	do	17-2.04(6)(e)	do	do	Do.
Unit No. 3 Permit no. AO 16-728.	do	17-2.04(6)(e)	do	do	Do.
Unit No. 4 Permit no. AO 16-729.	do	17-2.04(6)(e)	do	do	Do.
Unit No. 5 Permit no. AO 16-730.	do	17-2.04(6)(e)	do	do	Do.
National Merchandise Company:					
Old Warehouse, Liberty St. Permit no. SO 16-2028.	do	17-2.04(6)(a)	do	do	Mar. 15, 1974.
New Warehouse, Liberty St. Permit no. SO 16-2029.	do	17-2.04(6)(a)	do	do	Do.
Pic N' Save Store No. 1, Univ. Blvd. Permit no. SO 16-2030.	do	17-2.04(6)(a)	do	do	Do.
Rose's Store, Inc. Board Order—AP-777-73.	do	17-2.04(6)(a)	July 11, 1973	do	Do.
St. Regis Paper Co:					
Recovery Boiler No. 1 Permit no. AO 16-287.	do	17-2.04(6)(d)	May 15, 1973	do	July 1, 1975.
Recovery Boiler No. 1 Permit no. AO 16-287.	do	17-2.04(6)(d) 1.b.	do	do	May 1, 1975.
Recovery Boiler No. 2 & 3 Permit no. AO 16-288.	do	17-2.04(6)(d) 1.a.	do	do	July 1, 1975.
Recovery Boiler No. 2 & 3 Permit no. AO 16-288.	do	17-2.04(6)(d) 1.b.	do	do	May 1, 1975.
Bark Boiler No. 1 Permit no. AO 16-286.	do	17-2.04(2)	do	do	Apr. 1, 1975.
Bark Boiler No. 2 Permit no. AO 16-82.	do	17-2.04(2)	do	do	Do.
Lime Kiln Stack No. 1 Permit no. AO 16-280.	do	17-2.04(2)	do	do	Oct. 1, 1974.
Lime Kiln Stack Permit no. 2 Permit no. AO 16-281.	do	17-2.04(2)	do	do	Do.
Lime Kiln Stack No. 3 Permit no. AO 16-282.	do	17-2.04(2)	do	do	Do.
Non-condensable Gas Sources Permit no. AO 16-2090.	do	17-2.04(4)	do	do	June 1, 1975.

AIR QUALITY CONTROL REGION NO. 49—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Winn-Dixie Store No. 35 4444 Hendricks Ave. Permit no. SO 16-2022.	do	17-2.04(6)(a)	do	do	Mar. 15, 1974.
Winn-Dixie Store No. 45 1410 N. Edgewood Ave. Permit no. AO 16-2023.	do	17-2.04(6)(a)	do	do	Do.
Winn-Dixie Store No. 60 3978 St. John's Ave. Permit no. AO 16-2024.	do	17-2.04(6)(a)	do	do	Do.
Winn-Dixie Store No. 129 5300 Firestone Ave. Permit no. AO 16-2025.	do	17-2.04(6)(a)	do	do	Do.
Woolco Department Stores:					
Lenox Ave. Store Board Order—AP-778-73.	do	17-2.04(6)(a)	July 27, 1973	do	Do.
Store No. 6149 Board Order AP770-73.	do	17-2.04(6)(a)	do	do	Do.
Automotive Disposal Corporation Permit no. AO 16-353.	do	17-2.04(2)	Nov. 20, 1973	do	Mar. 6, 1974.
C. I. Capps Company Permit no. AO 16-2148.	do	17-2.04(2)	do	do	June 6, 1974.
Colonial Stores Incorporated:					
5451 Norwood Ave. Permit no. SO 16-2064.	do	17-2.04(6)(a)	do	do	Mar. 15, 1974.
6310 103rd St. Permit no. SO 16-2063.	do	17-2.04(6)(a)	do	do	Do.
6538 Fort Carolina Rd. Permit no. SO 16-2062.	do	17-2.04(6)(a)	do	do	Do.
934 Dunn Ave. Permit no. SO 16-2061.	do	17-2.04(6)(a)	do	do	Do.
Arlington Expressway Permit no. SO 16-2060.	do	17-2.04(6)(a)	do	do	Do.
W. T. Grant Store Permit no. SO 16-2065.	do	17-2.04(6)(a)	do	do	Do.
Martin Coffee Company Permit no. AO 16-2145.	do	17-2.04(2)	do	do	June 6, 1974.
Memorial Hospital of Jacksonville Permit no. SO 16-2066.	do	17-2.04(6)(a)	do	do	Mar. 15, 1974.
Simplex Incorporated:					
Incinerator No. 1 Permit no. SO 16-490.	do	17-2.04(6)(a)	do	do	Do.
Incinerator No. 2 Permit no. SO 16-2067.	Baldwin, Florida	17-2.04(6)(a)	do	do	Do.
Southern Wood Piedmont:					
Incinerator No. 1 Permit no. SO 16-2069.	Jacksonville, Florida.	17-2.04(6)(a)	do	do	Do.
Incinerator No. 2 Permit no. SO 16-2070.	do	17-2.04(6)(a)	do	do	Do.
Winn-Dixie Store No. 33 Blanding Blvd. Permit no. SO 16-134.	do	17-2.04(6)(a)	do	do	Do.
Winn-Dixie Store No. 5 Beach Blvd. Permit no. SO 16-2072.	do	17-2.04(6)(a)	do	do	Dec. 1, 1973.
Winn-Dixie Store No. 102 Normandy Blvd. Permit no. SO 16-2073.	do	17-2.04(6)(a)	do	do	Mar. 15, 1974.
Winn-Dixie Store No. 61 Augustine Rd. Permit no. SO 16-2074.	do	17-2.04(6)(a)	do	do	Dec. 15, 1973.
Winn-Dixie Store No. 93 University Blvd. Permit no. SO 16-2075.	do	17-2.04(6)(a)	do	do	Dec. 1, 1973.
Winn-Dixie Store No. 18 Atlantic Blvd. Permit no. SO 16-2071.	do	17-2.04(6)(a)	do	do	Do.

AIR QUALITY CONTROL REGION NO. 49—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
GADSDEN COUNTY					
Dresser Minerals (Pennsylvania Glass Sand Company):					
(a) Raymond Mill Exhaust Permit no. AO 20-1033.	Havana, Florida	17-2.04(2)	May 15, 1973	Immediately	Jan. 1. 1974.
(b) Transport System Permit no. AO 20-1034.	do	17-2.04(2)	do	do	Do.
(c) Cooler Discharge Stack Permit no. AO 20-1035.	do	17-2.04(2)	do	do	Do.
(d) Dryer No. 2 Permit no. AO 20-1036.	do	17-2.04(2)	do	do	Do.
Floridin Company (Pennsylvania Glass Sand Corp.):					
Stack No. 4, East Dryer Stack, No. 2 Dry Dept. Permit no. AO 20-2002.	Quincy, Florida	17-2.04(2)	do	do	Feb. 1, 1975.
Stack No. 5, Center Dryer Stack, No. 2 Dry Dept. Permit no. AO 20-2001.	do	17-2.04(2)	do	do	May 1, 1975.
Stack No. 6, West Dryer Stack, No. 2 Dry Dept. Permit no. AO 20-2000.	do	17-2.04(2)	do	do	July 1, 1975.
Stack No. 9, Mill Cyclone Stack, No. 5 Mill Dept. Permit no. AO 20-2010.	do	17-2.04(2)	do	do	Sept. 1, 1973.
Stack No. 10, Separator Cyclone, No. 5 Mill Dept. Permit no. AO 20-2009.	do	17-2.04(2)	do	do	Do.
Stack No. 12, Mill Cyclone, No. 2 Mill Dept. Permit no. AO 20-2008.	do	17-2.04(2)	do	do	Aug. 1, 1974.
Stack No. 13, Elevator Cyclone, No. 2 Mill Dept. Permit no. AO 20-2007.	do	17-2.04(2)	do	do	Do.
Stack No. 16, No. 2 Raymond Mill, No. 3 Mill Dept. Permit no. AO 20-2013.	do	17-2.04(2)	do	do	Oct. 1, 1974.
Stack No. 17, No. 3 Raymond Mill, No. 3 Mill Dept. Permit no. AO 20-2011.	do	17-2.04(2)	do	do	Do.
Stack No. 19, Cyclone Collector for No. 1 Dryer Permit no. AO 20-2015.	do	17-2.04(2)	do	do	Dec. 1, 1973.
Stack No. 20, Cyclone Collector for No. 2 Dryer Permit no. AO 20-2016.	do	17-2.04(2)	do	do	June 1, 1974.
Pat Higdon Industries Permit no. AO 20-614.	do	17-2.04(2)	do	do	Aug. 30, 1973.
Floridin Company (Pennsylvania Glass Sand Corp.):					
Stack No. 1 Permit no. AO 20-2005.	do	17-2.04(2)	do	do	Feb. 1, 1973.
Stack No 2 Permit no. AO 20-2004.	do	17-2.04(2)	do	do	Do.
Stack No. 3 Permit no. AO 20-2003.	do	17-2.04(2)	do	do	June 1, 1974.
Stack No. 14 Permit no. AO 20-2006.	do	17-2.04(2)	do	do	Mar. 1, 1973.
Stack No. 15 Permit no. AO 20-2012.	do	17-2.04(2)	do	do	June 1, 1973.
Higdon Furniture Company Permit no. AO 20-2019.	do	17-2.04(2)	do	do	Nov. 1, 1974.
HAMILTON COUNTY					
Occidental Chemical Company:					
Sulfuric Acid Plant A Permit no. AO 24-600.	White Springs, Florida	17-2.04(6) (b)1	May 15, 1973	Immediately	July 1, 1975.

AIR QUALITY CONTROL REGION NO. 49—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Sulfuric Acid Plant B Permit no. AO 24-605.	do	17-2.04(6) (b)1	do	do	Do.
		LEON COUNTY			
City of Tallahassee Power System Unit No. 1 Permit no. AO 37-2047.	Tallahassee, Florida.	17-2.04(6) (e)2	May 15, 1973	Immediately	Apr. 1, 1975.
Colonial Stores, Inc:					
Store No. 7276 1111 Apalachee Pkwy Permit no. SO 37-2017.	do	17-2.04(6)(a)	do	do	Mar. 15, 1974.
Store No. 7229 1847 W. Tenn. St. Permit no. SO 37-2018.	do	17-2.04(6)(a)	do	do	Do.
Store No. 7232 Thomasville Rd. Permit no. SO 37-2019.	do	17-2.04(6)(a)	do	do	Do.
Elberta Crate & Box Co. Permit no. AO 37-2038.	do	17-2.04(2)	do	do	June 5, 1974.
Hammons Asphalt Paving Inc. Permit no. AO 37-2039.	do	17-2.04(2)	do	do	July 4, 1974.
Moody Construction Co. Permit no. AO 37-2037.	do	17-2.04(2)	do	do	Jan. 1, 1974.
		LIBERTY COUNTY			
A. M. Schuler and Son Pole Company Permit no. SC-73008.	Hosford, Florida	17-2.04(6)(a)	May 15, 1973	Immediately	Sept. 15, 1973.
B. M. Harmon Construction Company Permit no. AO 39-1049.	Telogia, Florida	17-2.04(2)	do	do	July 30, 1973.
Florida Veneer Company Permit no. SO 39-2000.	Hosford, Florida	17-2.04(6)(a)	do	do	Dec. 1, 1974.
Tenneco Chemicals, Inc.:					
Wood Boiler Permit no. AO 39-942.	Telogia, Florida	17-2.04(2)	do	do	Do.
Fuel Oil Boiler Permit no. AO 39-940.	do	17-2.04(6)(e)3	do	do	May 24, 1974.
		MARION COUNTY			
Certified Grocers of Florida Permit no. SO 42-420.	Ocala, Florida	17-2.04(6)(a)	Apr. 17, 1973	Immediately	Feb. 22, 1974.
Gibson's Products Co. of Ocala Permit no. SO 42-2008.	do	17-2.04(6)(a)	do	do	Mar. 1, 1974.
J. T. Goethe Lumber Co.:					
Bark Boiler Permit no. AO 42-521.	Dunnellon, Florida.	17-2.04(2)	do	do	Dec. 30, 1974.
Tee Pee Burner Permit no. SO 42-474.	do	17-2.04(6)(a)	do	do	Do.
Junie Counts Construction Co. Board Order AP-783-73.	Ocala, Florida	17-2.04(2)	July 11, 1973	do	May 31, 1974.
Ocala Cleat Co., Inc. Permit no. AO 42-750.	do	17-2.04(6)(a)	Apr. 17, 1973	do	Aug. 30, 1973.
Shelton's Thriftway, Inc. Permit no. SO 42-286.	do	17-2.04(6)(a)	do	do	May 30, 1973.
		NASSAU COUNTY			
Container Corporation of America:					
Power Boiler No. 3 Permit no. AO 45-2085.	Fernandina Bch., Florida.	17-2.04(6)(e)2.c	May 15, 1973	Immediately	Jan. 1, 1975.
Power Boiler No. 3 Permit no. AO 45-2085.	do	17-2.04(6)(e)2.a	do	do	Do.
Power Boiler No. 4 Permit no. AO 45-2086.	do	17-2.04(6)(e)2.c	do	do	Do.

AIR QUALITY CONTROL REGION NO. 49—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Power Boiler No. 4 Permit no. AO 45-2086.	do	17-2.04(6)(e)2.a	do	do	July 1, 1975.
Power Boiler No. 5 Permit no. AO 45-2087.	do	17-2.04(6)(e)2.c	do	do	Jan. 1, 1975.
Power Boiler No. 5 Permit no. AO 45-2087.	do	17-2.04(6)(e)2.a	do	do	July 1, 1975.
Recovery Boiler No. 3 Permit no. AO 45-2088.	do	17-2.04(6)(d)1.a	do	do	Do.
Recovery Boiler No. 3 Permit no. AO 45-2088.	do	17-2.04(6)(d)1.b	do	do	Do.
Recovery Boiler No. 4 Permit no. AO 45-2089.	do	17-2.04(6)(d)1.a	do	do	Do.
ITT Rayonier, Inc:					
Power Boiler No. 1 Permit no. AO 45-2074.	do	17-2.04(6)(e)2	do	do	Do.
Power Boiler No. 2 Permit no. AO 45-2075.	do	17-2.04(2)	do	do	Do.
Power Boiler No. 3 Permit no. AO 45-2076.	do	17-2.04(2)	do	do	Do.
Power Boiler No. 4 Permit no. AO 45-2077.	do	17-2.04(6)(e)	do	do	Do.
Primary Chlorine Tower Vents Permit no. AO 45-2078.	do	17-2.03(1)	do	do	Do.
SO_2 Recovery Towers Permit no. AO 45-2079.	do	17-2.03(1)	do	do	Do.
Lime Rock Tower Permit no. AO 45-2080.	do	17-2.03(1)	do	do	Do.
Absorption Tower Permit no. AO 45-2081.	do	17-2.03(1)	do	do	Do.
Flash Chlorine Tower Washer Vent Permit no. AO 45-2082.	do	17-2.03(1)	do	do	Do.
Hot Caustic Extraction Stage Tank Blow Vents Permit no. AO 45-2083.	do	17-2.03(1)	do	do	Do.
Chlorine Dioxide Retention Tank Vents Permit no. AO 45-2084.	do	17-2.03(1)	do	do	Do.
PUTNAM COUNTY					
Food Fair Stores, Inc. Permit no. SO 54-2031.	Palatka, Florida	17-2.04(6)(a)	May 15, 1973	Immediately	Sept. 30, 1973.
Hudson Pulp and Paper Company:					
Recovery Boiler No. 1 Permit no. AO 54-2058.	do	17-2.04(6)(d)1	do	do	July 1, 1975.
Recovery Boiler No. 2 Permit no. AO 54-2059.	do	17-2.04(6)(d)1	do	do	Do.
Recovery Boiler No. 3 Permit no. AO 54-2060.	do	17-2.04(6)(d)1	do	do	Do.
Smelt Dissolving Tank No. 1 Permit no. AO 54-2061.	do	17-2.04(2)	do	do	Do.
Smelt Dissolving Tank No. 2 Permit no. AO 54-2062.	do	17-2.04(2)	do	do	Do.
Smelt Dissolving Tank No. 3 Permit no. AO 54-2063.	do	17-2.04(2)	do	do	Do.
Lime Kiln No. 1 Permit no. AO 54-2064.	do	17-2.04(2)	do	do	Do.
Lime Kiln No. 2 Permit no. AO 54-2065.	do	17-2.04(2)	do	do	Do.
Lime Kiln No. 3 Permit no. AO 54-2066.	do	17-2.04(2)	do	do	Do.
Combination Boiler No. 1 Permit no. AO 54-2072.	do	17-2.04(2)	do	do	Do.
Combination Boiler No. 4 Permit no. AO 54-2073.	do	17-2.04(2)	do	do	Do.
Power Boiler No. 1 Permit no. AO 54-2067.	do	17-2.04(6)(e)	do	do	Do.

AIR QUALITY CONTROL REGION NO. 49—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Power Boiler No. 2 Permit no. AO 54-2068.	do	17-2.04(6)(e)	do	do	Do.
Power Boiler No. 3 Permit no. AO 54-2069.	do	17-2.04(6)(e)	do	do	Do.
Power Boiler No. 4 Permit no. AO 54-2070.	do	17-2.04(6)(e)	do	do	Do.
Power Boiler No. 5 Permit no. AO 54-2071.	do	17-2.04(6)(e)	do	do	Do.
L & W Wood Products Company Permit no. SO 54-2076.	Crescent City, Florida.	17-2.04(6)(a)	Nov. 20, 1973	do	Sept. 19, 1974.
SUWANEE COUNTY					
Florida Power Corp:					
Boiler No. 1 Permit no. AO 61-2044.	Live Oak, Florida.	17-2.04(6)(e)2.c	May 15, 1973	Immediately	Jan. 15, 1975.
Boiler No. 2 Permit no. AO 61-2045.	do	17-2.04(6)(e)2.c	do	do	Do.
Boiler No. 3 Permit no. AO 61-2046.	do	17-2.04(6)(e)2.c	do	do	Do.
TAYLOR COUNTY					
The Buckeye Cellulose Corporation: Recovery Boiler No. 1 Permit no. AO 62-2091.	Perry, Florida	17-2.04(6)(d)1	May 15, 1973	Immediately	July 1, 1975.
Buckeye Cellulose Corporation:					
Recovery Boiler No. 3 Permit no. AO 62-2092.	do	17-2.04(6)(d)1	do	do	Do.
Bark Boiler Permit no. AO 62-2093.	do	17-2.04(2)	do	do	Do.
Recausticizing Vent Permit no. AO 62-2094.	do	17-2.03(1)	do	do	June 1, 1975.
Chlorine Dioxide Gen. Exhaust Permit no. AO 62-2095.	do	17-2.03(1)	do	do	Do.
Bleaching Vents Permit no. AO 62-2096.	do	17-2.03(1)	do	do	Do.
Digesting Vents Permit no. AO 62-2097.	do	17-2.03(1)	do	do	Do.
Brown Stock Washing Exhaust Permit no. AO 62-2098.	do	17-2.03(1)	do	do	Do.
WAKULLA COUNTY					
City of Tallahassee S. O. Purdom Electric Generating Units:					
Unit No. 1 Permit no. AO 65-2050.	St. Marks, Florida.	17-2.04(6)(e)2	May 15, 1973	Immediately	Apr. 1, 1975.
Unit No. 2 Permit no. AO 65-2051.	do	17-2.04(6)(e)2	do	do	Do.
Unit No. 3 Permit no. AO 65-2052.	do	17-2.04(6)(e)2	do	do	Do.
Unit No. 4 Permit no. AO 65-2053.	do	17-2.04(6)(e)2	do	do	Do.
Units No. 5 & No. 6 Permit no. AO 65-2054.	do	17-2.04(6)(e)2	do	do	Do.
Unit No. 7 Permit no. AO 65-2055.	do	17-2.04(6)(e)2	do	do	Do.

Air Quality Control Region No. 50

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
BROWARD COUNTY					
Broward County Incinerator No. 2:					
Old Unit Permit no. SO 6-2064.	Pompano Bch, Florida.	17-2.04(6)(a)	May 15, 1973	Immediately	Dec. 31, 1974.
New Unit Permit no. SO 6-2065.	do	17-2.04(6)(a)	do	do	Do.
City of Ft. Lauderdale:					
North Unit Permit no. SC-612	Ft. Lauderdale, Florida.	17-2.04(6)(a)	do	do	June 30, 1973.
South Unit Permit no. SC-613	do	17-2.04(6)(a)	do	do	Do.
Nichols Unit Permit no. SC-614.	do	17-2.04(6)(a)	do	do	Do.
Houdaille Duval Wright Permit no. AO 6-2063.	Deerfield Beach, Florida.	17-2.04(2)	do	do	June 14, 1974.
CHARLOTTE COUNTY					
Macasphalt Corporation Permit no. AO 8-2023.	Port Charlotte, Florida.	17-2.04(2)	May 15, 1973	Immediately	June 14, 1974.
COLLIER COUNTY					
Fred's Market Permit no. SO 11-2002.	Immokalee, Florida.	17-2.04(6)(a)2.a.	May 15, 1973	Immediately	Mar. 8, 1974.
DADE COUNTY					
City of Homestead Diesel Engines Permit no. AO 13-2057.	Homestead, Florida.	17-2.04(1)	May 15, 1973	Immediately	Jan. 6, 1975.
City of Miami, Dept. of Sanitation: City of Miami Incinerator Permit no. SO 13-2061.	Miami, Florida	17-2.04(6)(a)	do	do	Mar. 3, 1975.
Dade County Public Works Dept: Northeast Incinerator Permit no. SO 13-2062.	North Miami Bch, Florida.	17-2.04(6)(a)	do	do	July 1, 1975.
General Portland, Inc.:					
No. 1 Kiln Permit no. AC-481	Miami, Florida	17-2.04(6)(f)	do	do	Aug. 30, 1973.
No. 2 Kiln Permit no. AC-73018.	do	17-2.04(6)(f)	do	do	Do.
No. 1 Clinker Cooler Permit no. AC-482.	do	17-2.04(6)(f)	do	do	Do.
No. 2 Clinker Cooler Permit no. AC-73019.	do	17-2.04(6)(f)	do	do	Do.
U.S. Foundry & Manufacturing Corp. Permit no. AO 13-2066.	do	17-2.04(2)	do	do	July 1, 1975.
DESOTO COUNTY					
Hercules, Inc:					
Steam Boiler No. 1 Permit no. AO 14-2014.	Nocatee, Florida	17-2.04(2)	May 15, 1973	Immediately	Sept. 30, 1973.
Steam Boiler No. 2 Permit no. AO 14-2015.	do	17-2.04(2)	do	do	Do.
Steam Boiler No. 3 Permit no. AO 14-2016.	do	17-2.04(2)	do	do	Do.
Steam Boiler No. 4 Permit no. AO 14-2017.	do	17-2.04(2)	September 30, 1973.	do	May 15, 1973.
Steam Boiler No. 5 Permit no. AO 14-2018.	do	17-2.04(2)	do	do	Do.
Steam Boiler No. 6 Permit no. AO 14-2019.	do	17-2.04(2)	do	do	Do.

AIR QUALITY CONTROL REGION NO. 50—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
INDIAN RIVER COUNTY					
City of Vero Beach:					
Unit No. 1 & 2 Permit no. AO 31-422.	Vero Beach, Florida.	17-2.04(6)(e)2	May 15, 1973	Immediately	Mar. 11, 1974.
Unit No. 3 Permit no. AO 31-524.	do	17-2.04(6)(e)2	do	do	Do.
MONROE COUNTY					
Utility Board of the City of Key West: Unit Nos. 1, 2, 3, 4 & 5 Permit no. AO 44-1119.	Key West, Florida.	17-2.04(6)(e)2	May 15, 1973	Immediately	June 30, 1974.
PALM BEACH COUNTY					
Atlantic Sugar Association:					
Unit No. 1 Permit no. AO 50-2031.	Belle Glade, Florida.	17-2.04(2)	May 15, 1973	Immediately	July 1, 1975.
Unit No. 2 Permit no. AO 50-2032.	do	17-2.04(2)	do	do	Do.
Unit No. 3 Permit no. AO 50-2033.	do	17-2.04(2)	do	do	Do.
Eastern Cement:					
Ship Loading Permit no. AO 50-2067.	Rivera Beach, Florida.	17-2.04(3)	do	do	Jan. 6, 1975.
Truck Loading Permit no. AO 50-2067.	do	17-2.04(3)	do	do	Oct. 4, 1973.
Florida Sugar Corporation:					
Unit No. 4 Permit no. AO 50-2034.	Belle Glade, Florida.	17-2.04(6)(e)3	do	do	July 1, 1975.
Unit No. 5 Permit no. AO 50-2035.	do	17-2.04(6)(e)3	do	do	Do.
Gulf & Western Food Products Co.:					
Unit Nos. 2 & 3 (Common Stack) Permit no. AO 50-2054.	South Bay, Florida.	17-2.04(2)	do	do	Do.
Unit No. 4 Permit no. AO 50-2053.	do	17-2.04(2)	do	do	Do.
Unit No. 5 Permit no. AO 50-2055.	do	17-2.04(2)	do	do	Do.
Unit No. 6 Permit no. AO 50-2056.	do	17-2.04(2)	do	do	Do.
Osceola Farms Co.:					
Unit No. 1 Permit no. AO 50-2048.	Pahokee, Florida.	17-2.04(2)	do	do	Do.
Unit No. 2 Permit no. AO 50-2049.	do	17-2.04(2)	do	do	Do.
Unit No. 3 Permit no. AO 50-2050.	do	17-2.04(2)	do	do	Do.
Unit No. 4 Permit no. AO 50-2051.	do	17-2.04(2)	do	do	Do.
Unit No. 5 Permit no. AO 50-2052.	do	17-2.04(2)	do	do	Do.
Sugar Growers Co-op of Florida:					
Unit No. 1 Permit no. AO 50-2044.	Belle Glade, Florida.	17-2.04(2)	do	do	Do
Unit No. 2 Permit no. AO 50-2045.	do	17-2.04(2)	do	do	Do.
Unit No. 3 Permit no. AO 50-2046.	do	17-2.04(2)	do	do	Do.
Unit No. 5 Permit no. AO 50-2047.	do	17-2.04(2)	do	do	Do.
Talisman Sugar Corporation:					
Unit No. 1 Permit no. AO 50-2036.	do	17-2.04(2)	do	do	Do.
Unit No. 2 Permit no. AO 50-2037.	do	17-2.04(2)	do	do	Do.

AIR QUALITY CONTROL REGION NO. 50—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Unit No. 3 Permit no: AO 50-2038.	do	17-2.04(2)	do	do	Do.
Unit No. 4 Permit no. AO 50-2039.	do	17-2.04(2)	do	do	Do.
Unit No. 5 Permit no. AO 50-2040.	do	17-2.04(2)	do	do	Do.
United States Sugar Corporation:					
Unit No. 1 Permit no. AO 50-2041.	Bryant, Florida	17-2.04(2)	do	do	Do.
Unit No. 2 Permit no. AO 50-2042.	do	17-2.04(2)	do	do	Do.
Unit No. 3 Permit no. AO 50-2043.	do	17-2.04(2)	do	do	Do.
ST. LUCIE COUNTY					
City of Ft. Pierce:					
Diesel Units Permit no. AO 56-424.	Ft. Pierce, Florida.	17-2.04(6)(e)2	May 15, 1973	Immediately	Jan. 30, 1975.
Package Boiler Unit Permit no. AO 56-425.	do	17-2.04(6)(e)2	do	do	Do.
Unit No. 5 Permit no. AO 56-426.	do	17-2.04(6)(e)2	do	do	Do.
Unit No. 6 Permit no. AO 56-427.	do	17-2.04(6)(e)2	do	do	Do.
Unit No. 4 Permit no. AO 56-428.	do	17-2.04(6)(e)2	do	do	Do.

AIR QUALITY CONTROL REGION NO. 51

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
GLADES COUNTY					
Glades County Sugar Growers Co-op Assoc:					
Steam Boiler No. 1 Permit no. AO 22-2037.	Moore Haven, Florida.	17-2.04(2)	May 15, 1973	Immediately	July 1, 1975.
Steam Boiler No. 2 Permit no. AO 22-2038.	do	17-2.04(2)	do	do	Do.
Steam Boiler No. 3 Permit no. AO 22-2039.	do	17-2.04(2)	do	do	Do.
Steam Boiler No. 4 Permit no. AO 22-2040.	do	17-2.04(6)(e)2.c	do	do	Do.
HENDRY COUNTY					
Everglades Sugar Refinery Permit no. AO 26-2025.	Clewiston, Florida.	17-2.04(6)(e)2.c	May 15, 1973	Immediately	July 1, 1975.
U.S. Sugar Corporation:					
Steam Boiler No. 1 Permit no. AO 26-2028.	do	17-2.04(2)	do	do	Do.
Steam Boiler No. 2 Permit no. AO 26-2029.	do	17-2.04(2)	do	do	Do.
Steam Boiler No. 3 Permit no. AO 26-2030.	do	17-2.04(2)	do	do	Do.
Steam Boiler No. 5 Permit no. AO 26-2031.	do	17-2.04(2)	do	do	Do.
Steam Boiler No. 6 Permit no. AO 26-2032.	do	17-2.04(2)	do	do	Do.
Steam Boiler No. 7 Permit no. AO 26-2033.	do	17-2.04(2)	do	do	Do.
Steam Boiler No. 9 Permit no. AO 26-2034.	do	17-2.04(6)(e)2.c	do	do	Do.
Bagasee Dryer Permit no. AO 26-2035.	do	17-2.04(2)	do	do	Do.

AIR QUALITY CONTROL REGION NO. 51—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
HIGHLANDS COUNTY					
Ewell Engineering & Contracting Co. Permit no. AO 28-2013.	Avon Park, Florida.	17-2.04(2)	May 15, 1973	Immediately	June 14, 1974.
Florida Home Juice Permit no. AO 28-2041.	do	17-2.04(2)	do	do	Feb. 28, 1975.
Florida Power Corporation:					
Steam Boiler Unit No. 1 Permit no. AO 28-2022.	do	17-2.04(6)(e)2.c	do	do	Feb. 15, 1974.
Steam Boiler Unit No. 2 Permit no. AO 28-2021.	do	17-2.04(6)(e)2.a	do	do	July 1, 1975.
Steam Boiler Unit No. 2 Permit no. AO 28-2021.	do	17-2.04(6)(e)2.c	do	do	Feb. 15, 1974.
St. Regis Paper Co:					
Steam Boiler No. 1 Permit no. AO 28-2026.	Lake Placid, Florida.	17-2.04(6)(e)2.c	do	do	Jan. 1, 1975.
Steam Boiler No. 2 Permit no. AO 28-2027.	do	17-2.04(6)(e)2.c	do	do	Do.
Sebring Utilities Commission Permit no. AO 28-2020.	Sebring, Florida	17-2.04(6)(e)2.c	do	do	July 1, 1975.
LEE COUNTY					
Harper Brothers Permit no. AO 36-2012.	Ft. Myers, Florida.	17-2.04(2)	May 15, 1973	Immediately	June 14, 1974.
Warren Brothers Permit no. AO 36-2010.	do	17-2.04(2)	do	do	June 1, 1974.
SARASOTA COUNTY					
Warren Brothers Permit no. AO 58-2011.	Sarasota, Florida.	17-2.04(2)	May 15, 1973	Immediately	July 1, 1974.

AIR QUALITY CONTROL REGION NO. 52

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
CITRUS COUNTY					
Carroll Contracting, Inc. Permit no. AO 9-2020.	Inverness, Florida.	17-2.04(2)	Apr. 17, 1973	Immediately	July 1, 1974.
Florida Power Corp., Crystal River Plant:					
Unit No. 1 Permit no. AO 9-376.	Red Level, Florida.	17-2.04(6)(e)2.a	do	do	July 1, 1975.
Unit No. 2 Permit no. AO 9-377.	do	17-2.04(6)(e)2.a	do	do	Do.
Unit No. 1 Permit no. AO 9-376.	do	17-2.04(6)(e)2.c	do	do	Feb. 1, 1975.
Unit No. 2 Permit no. AO 9-377.	do	17-2.04(6)(e)2.c	do	do	Do.
HARDEE COUNTY					
Peace River Processors, Inc. Permit no. AO 25-2124.	Wauchula, Florida.	17-2.04(6)(e)3	May 15, 1973	Immediately	July 1, 1975.
Revell Crate Company Permit no. SO 25-2017.	do	17-2.04(1)(a)(b)(c).	do	do	Jan. 1, 1974.
HERNANDO COUNTY					
Brooksville Citrus Growers Association Permit no. AO 27-167.	Brooksville, Florida.	17-2.04(6)(e)	May 15, 1973	Immediately	July 1, 1975.
Chemical Lime, Inc:					
(a) Dryer Permit no. AO 27-389.	do	17-2.04(2)	do	do	Mar. 24, 1975.
(b) Kiln Permit no. AO 27-390	do	17-2.04(2)	do	do	Do.

AIR QUALITY CONTROL REGION NO. 52—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
(c) Hydrator Plant Permit no. AO 27-391.	......do	17-2.04(2)	......do	......do	Do.
(d) Bagging Operation Permit no. AO 27-392.	......do	17-2.04(2)	......do	......do	Do.
Dairy Service Corporation: Citrus Peel Dryer Permit no. AO 27-2002.	......do	17-2.04(2)	......do	......do	June 2, 1975.
HILLSBOROUGH COUNTY					
American Can Company Permit no. AO 29-2169.	Tampa, Florida	17-2.04(5)	May 15, 1973	Immediately	July 1, 1975.
American Oil Company Permit no. AO 29-2133.	......do	17-2.04(6)(e)3	......do	......do	Mar. 1, 1974.
Borden Inc. Permit no. AO 29-2082.	Plant City, Florida.	17-2.04(3)	......do	......do	July 1, 1975.
C. F. Industries:					
Phosphate Plant Permit no. AO 29-2083.	Zephyr Hills, Florida.	17-2.04(2),(3),(6)(c).	......do	......do	Do.
Sulfuric Acid Plants Permit no. AO 29-2083.	......do	17-2.04(6)(b)1	......do	......do	Sept. 1, 1973.
Cone Brothers Contracting Company E. Osborne Ave. Permit no. AO 29-2165.	Tampa, Florida	17-2.04(2)	......do	......do	May 1, 1974.
Cone Brothers Contracting Company 14814 N. 12th St. Permit no. AO 29-2166.	......do	17-2.04(2)	......do	......do	Do.
Davenport Drugs, Inc. Permit no. SO 29-2035.	......do	17-2.04(6)(a)	......do	......do	Oct. 1, 1973.
Detsco Terminals, Inc. Permit no. AO 29-2119.	......do	17-2.04(2) & (3)	......do	......do	July 1, 1975.
Eastern Associated Permit no. AO 29-2170.	......do	17-2.04(2) & (3)	......do	......do	Do.
Florida Sip, Inc. Permit no. AO 29-2121.	Plant City, Florida.	17-2.04(2)(6)(e)3.	......do	......do	July 1, 1974.
Florida Steel Corp. Permit no. AO 29-2177.	Tampa, Florida	17-2.04(2) & (3)	......do	......do	July 1, 1975.
General Portland Inc:					
Kiln No. 1-No. 5 Case no. 205899.	......do	17-2.04(6)(f)	......do	......do	Aug. 1, 1973.
Clinker Cooler No. 1-No. 6 Case no. 205899.	......do	17-2.04(6)(f)	......do	......do	May 1, 1974.
Material Handling Case no. 205899.	......do	17-2.04(3)	......do	......do	Do.
Fugitive Dust Generation Case no. 205899.	......do	17-2.04(3)	......do	......do	Do.
All Other Sources Permit no. AO 29-2181.	......do	17-2.04(2),(3),(6)(f).	......do	......do	July 1, 1975.
Gant Shopping Center Permit no. SO 29-2037.	Brandon, Florida.	17-2.04(6)(a)	......do	......do	Oct. 1, 1973.
Gardinier, Inc. Permit no. AO 29-2180.	Gibsonton, Florida.	17-2.04(6)(b)	......do	......do	July 1, 1975.
W. R. Grace & Company 1604 36th St. Permit no. AO 29-2182.	Tampa, Florida	17-2.04(2)(3)	......do	......do	Do.
W. R. Grace & Company 35th & 3rd Ave. Permit no. AO 29-2132.	......do	17-2.04(2)(3)	......do	......do	Do.
International Minerals & Chemicals Corp. Permit no. AO 29-2173.	Port Sutton, Florida.	17-2.04(2),(3)	......do	......do	Do.
Jos Schlitz Brewing Co. Permit no. AO 29-2112.	Tampa, Florida	17-2.04(6)(e)3	......do	......do	Do.
Kaiser Agricultural Chemicals:					
Cooler & Dryer Granulation Plant Permit no. AO 29-2130.	......do	17-2.04(2),(3)	......do	......do	July 1, 1974.
Nitric Acid Plant Permit no. AO 29-2129.	......do	17-2.04(6)(g)2	......do	......do	July 1, 1975.

AIR QUALITY CONTROL REGION NO. 52—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Loading & Unloading Facilities Permit no. AO 20-2128.	do	17-2.04(3)	do	do	Do.
Mineral Aggregates, Inc. Permit no. AO 29-2172.	do	17-2.04(2)	do	do	Jan. 1, 1975.
National Gypsum Co.:					
Holo-Flite Unit Permit no. AO 29-2174.	do	17-2.04(2)	do	do	July 1, 1975.
Rock Dryer Permit no. AO 29-2175.	do	17-2.04(2)	do	do	Do.
Wallboard Dryer Permit no. AO 29-2176.	do	17-2.04(2)	do	do	Do.
Nitram, Inc. Permit no. AO29-2179.	do	17-2.04(2),(3),(6)(a),(e)3,(g).	do	do	Do.
Penny-Saver Grocery Permit no. SO 29-2034.	do	17-2.04(6)(a)	do	do	Oct. 1, 1973.
Reynolds Metal Co. Permit no. AO 29-2178.	do	17-2.03(1)17-2.04(5).	do	do	July 1, 1975.
River Gulf Terminal, Inc. Permit no. AO 29-2188.	do	17-2.04(3),(2)	do	do	Do.
Robbins Manufacturing Company Permit no. AO 29-2125.	do	17-2.04(6)(a)	do	do	Mar. 1, 1974.
Seaboard Coastline Railroad Permit no. AO 29-2189.	do	17-2.04(2),(3)	do	do	July 1, 1975.
Security Feeds (Feeds for Florida, Inc.) Permit no. AO 29-2183.	do	17-2.04(3)	do	do	Do.
Tampa, City of; Tampa Municipal Incinerator Board Order-No. 73-40.	do	17-2.04(6)(a)	do	do	Mar. 1, 1975.
Tampa, City of; Water Department Permit no. AO 29-2122.	do	17-2.04(6)(e)3	do	do	Mar. 1, 1974.
Tampa Electric Co:					
Hookers Point Units No. 1-6 Permit no. AO 29-2093.	do	17-2.04(6)(e)2 a, b, c, e.	do	do	June 30, 1976.
Big Bend Station Unit 1 & 2 Permit no. AO 29-2092.	North Ruskin, Florida.	17-2.04(6)(e)2d	do	do	July 1, 1975.
Big Bend Station Unit 1 Permit no. AO 29-2032.	do	17-2.04(6)(e)2a	do	do	Sept. 30, 1974.
Big Bend Station Unit 2 Permit no. AO 29-2092.	do	17-2.04(6)(e)2a	do	do	Aug. 30, 1973.
F. J. Gannon Station Units 1-4 Permit no. AO 29-2191.	Tampa, Florida	17-2.04(6)(e)2a,c.	do	do	Apr. 30, 1975.
F. J. Gannon Station Units 5 & 6 Permit no. AO 29-2191.	do	17-2.04(6)(e)2d	do	do	July 1, 1975.
F. J. Gannon Station Unit 5 Permit no. AO 29-2191.	do	17-2.04(6)(e)2a	do	do	July 30, 1974.
F. J. Gannon Station Unit No. 6 Permit no. AO 29-2191.	do	17-2.04(6)(e)2a	do	do	May 30, 1974.
Thriftway Food Store Permit no. SO 29-2036.	Brandon, Florida.	17-2.04(6)(a)	do	do	Oct. 1, 1973.
Robbins Manufacturing Company Permit no. SO 29-2125.	Tampa, Florida	17-2.04(6)(a)	do	do	Mar. 1, 1974.
		LEVY COUNTY			
Florida Power Corp:					
Stack No. 1, Units No. 1, 3 & 5 Permit no. AO 38-2041.	Inglis, Florida	17-2.04(6)(e)	May 15, 1973	Immediately	Feb. 15, 1974.
Stack No. 2, Units No. 2 & 4 Permit no. AO 38-2042.	do	17-2.04(6)(e)	do	do	Do.
Stack No. 3, Unit No. 6 Permit no. AO 38-2043.	do	17-2.04(6)(e)	do	do	Do.
Georgia-Pacific Corporation:					
Boiler No. 1 Permit no. AO 38-2028.	Chiefland, Florida.	17-2.04(2)	do	do	July 1, 1974.
Boiler No. 2 Permit no. AO 38-2029.	do	17-2.04(2)	do	do	Do.

Air Quality Control Region No. 52—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Boiler No. 3 Permit no. AO 38-2030.	......do	17-2.04(2)	......do	......do	Do.
MANATEE COUNTY					
Bordon, Inc. Chemical Div./ Smith Douglas:					
Sulfuric Acid Plant Permit no. AO 41-2042.	Piney Point, Florida.	17-2.04(6)(b)1	May 15, 1973	Immediately	July 1, 1975.
Auxiliary Boiler Permit no. AO 41-2043.	......do	17-2.04(6)(e)2c	......do	......do	Apr. 1, 1974.
Manatee Terminals, Inc. Permit no. AO 41-2044.	Port Manatee, Florida.	17-2.04(3)	......do	......do	June 14, 1974.
PASCO COUNTY					
Des Little and Sons, Inc. Permit no. AO 51-2123.	New Port Richey, Florida.	17-2.04(2)	May 15, 1973	Immediately	July 8, 1974.
Evans Packing Company Citrus Feed Mills Permit no. AO 51-2055.	Dade City, Florida.	17-2.04(2)	......do	......do	June 1, 1975.
Lykes Pasco Packing Company (Citrus Processing Plant):					
Power Plant Boiler No. 2 Permit no. AO 51-2074.	......do	17-2.04(6)(e)2c	......do	......do	July 1, 1975.
Power Plant Boiler No. 3 Permit no. AO 51-2075.	......do	17-2.04(6)(e)2c	......do	......do	Do.
Power Plant Boiler No. 4 Permit no. AO 51-2076.	......do	17-2.04(6)(e)2c	......do	......do	Do.
Power Plant Boiler No. 5 Permit no. AO 51-2077.	......do	17-2.04(6)(e)2c	......do	......do	Do.
Vitamin P. Boiler Permit no. AO 51-2078.	......do	17-2.04(6)(e)2c	......do	......do	Do.
Concentrate Plant Boiler Permit no. AO 51-2079.	......do	17-2.04(6)(e)2c	......do	......do	Do.
Winn Dixie Stores, Inc. Store No. 695 Permit no. SO 51-2007.	Holiday, Florida	17-2.04(6)(a)	......do	......do	Jan. 1, 1974.
Lykes Pasco Packing Company (Citrus Processing Plant):					
D-9 Rotary Dryer Permit no AO 51-2059.	Dade City, Florida.	17-2.04(2)	......do	......do	July 1, 1975.
D-5 Rotary Dryer Permit no. AO 51-2060.	......do	17-2.04(2)	......do	......do	Do.
D-6 Rotary Dryer Permit no. AO 51-2061.	......do	17-2.04(2)	......do	......do	Do.
D-7 Rotary Dryer Permit no. AO 51-2062.	......do	17-2.04(2)	......do	......do	Do.
D-8 Rotary Dryer Permit no. AO 51-2063.	......do	17-2.04(2)	......do	......do	Do.
D-10 Rotary Dryer Permit no. AO 51-2065.	......do	17-2.04(2)	......do	......do	Do.
D-11 Rotary Dryer Permit no. AO 51-2066.	......do	17-2.04(2)	......do	......do	Do.
D-12 Rotary Dryer Permit no. AO 51-2067.	......do	17-2.04(2)	......do	......do	Do.
D-13 Rotary Dryer Permit no. AO 51-2068.	......do	17-2.04(2)	......do	......do	Do.
D-14 Rotary Dryer Permit no. AO 51-2069.	......do	17-2.04(2)	......do	......do	Do.
D-15 Rotary Dryer Permit no. AO 51-2070.	......do	17-2.04(2)	......do	......do	Do.
D-16 Rotary Dryer Permit no. AO 51-2071.	......do	17-2.04(2)	......do	......do	Do.
D-17 Rotary Dryer Permit no. AO 51-2072.	......do	17-2.04(2)	......do	......do	Do.
D-18 Rotary Dryer Permit no. AO 51-2073.	......do	17-2.04(2)	......do	......do	Do.

AIR QUALITY CONTROL REGION NO. 52—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Waste Heat Evaporator Permit no. AO 51-2080.	do	17-2.04(2)	do	do	Do.
PINELLAS COUNTY					
David Bilgore and Company, Inc. Permit no. AO 52-2046.	Clearwater, Florida.	17-2.04(2)	May 15, 1973	Immediately	June 2, 1975.
Florida Power Corporation—Bartow Plant—Weedon Island:					
Unit No. 1 Permit no. AO 52-2037.	St. Petersburg, Florida.	17-2.04(6)(e)2c	do	do	Jan. 5, 1974.
Unit No. 2 Permit no. AO 52-2038.	do	17-2.04(6)(e)2c	do	do	Do.
Unit No. 3 Permit no. AO 52-2039.	do	17-2.04(6)(e)2c	do	do	Do.
Florida Power Corp. Bayboro Plant 13th Ave S @ 3rd St.					
Unit No. 2 Permit no. AO 52-2044.	do	17-2.04(6)(e)2c	do	do	Feb. 15, 1974.
Unit No. 3 Permit no. AO 52-2045.	do	17-2.04(6)(e)2c	do	do	Do.
Unit No. 4 Permit no. AO 52-2046.	do	17-2.04(6)(e)2c	do	do	Do.
Florida Power Corp. Higgins Plant:					
Unit No. 1 Permit no. AO 52-2040.	Oldsmar, Florida	17-2.04(6)(e)2c	do	do	Do.
Unit No. 2 Permit no. AO 52-2041.	do	17-2.04(6)(e)2c	do	do	Do.
Unit No. 3 Permit no. AO 52-2042.	do	17-2.04(6)(e)2.c	do	do	Do.
Moorefield Paving Contractors, Inc. Permit no. AO 52-2047.	Largo, Florida	17-2.04(2)	do	do	Jan. 1, 1974.
Stauffer Chemical Co:					
(a) Boiler Permit no. AO 52-2054.	Tarpon Springs, Florida.	17-2.04(6)(e)3	do	do	June 4, 1975.
(b) Roaster Permit no. AO 52-2095.	do	17-2.04(3)(6)(c)1.b.	do	do	June 1, 1975.
(c) Phosphorus Furnace Permit no. AO 52-2053.	do	17-2.04(1)	do	do	Do.
(d) Nodulizing Kiln Permit no. AO 52-2050.	do	17-2.04(2)(6)(c)1b.	do	do	Feb. 15, 1974.
H. P. Hood & Sons, Inc. Boiler House Permit no. AO 52-2034.	Dunedin, Florida	17-2.04(6)(e)3	do	do	Jan. 1, 1974.
Kresge Store Permit no. SO 52-2010.	St. Petersburg, Florida.	17-2.04(6)(a)3	do	do	Do.
Pinellas Cigar Co. Permit no. SO 52-2008.	do	17-2.04(6)(a)3	do	do	Do.
St. Johns Catholic Church: Permit no. SO 52-2011.	do	17-2.04(6)(a)3	do	do	Do.
Florida Power Corp.: Higgins Plants Nos. 4, 5, 6, and 7 Permit no. AO 52-2036.	Oldsmar, Florida	17-2.04(6)(e)2c	do	do	Do.
H. P. Hood & Sons, Inc.: Citrus Feed Mill Permit no. AO 52-2033.	Dunedin, Florida	17-2.04(2)	do	do	Do.
F. W. Woolworth:					
Store No. 6045 Permit no. SO 52-2005.	St. Petersburg, Florida.	17-2.04(6)a	do	do	July 1, 1973.
Store No. 6146 Permit no. 52-2004.	do	17-2.04(6)a	do	do	Do.
POLK COUNTY					
Agrico Chemical Company Permit no. AO 53-2145.	South Pierce, Florida.	17-2.04(3)	May 15, 1973	Immediately	July 1, 1975.
Agrico Chemical Permit no. AO 53-2146.	Pierce, Florida	17-2.04(2)(3)	do	do	Do.

AIR QUALITY CONTROL REGION NO. 52—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Alcoma Packing Company Permit no. AO 53-358.	Lake Wales, Florida.	17-2.04(2)	do	do	Do.
Blue Seal Asphalt Company Permit no. AO 53-2154.	Lakeland, Florida.	17-2.04(2)	do	do	Jan. 1, 1974.
Borden, Inc.: Chemical Division Permit no. AO 53-2141.	do	17-2.04(3)	do	do	July 1, 1975.
Brewster Phosphates, Inc.: Permit no. AO 53-2096.	Bradley, Florida	17-2.04(2)(3)	do	do	June 1, 1975.
C. F. Chemical Ind. Inc.:					
Sulfuric Acid Plants No. 1 and No. 2 Permit no. AO 53-2094.	Bartow, Florida	17-2.04(6)(b)	do	do	July 1, 1975.
Sulfuric Acid Plants No. 3 and No. 4 Permit no. AO 53-2094.	do	17-2.04(6)(b)	do	do	Do.
Sulfuric Acid Plants No. 5 and No. 6 Permit no. AO 53-2094.	do	17-2.04(6)(b)	do	do	May 1, 1975.
City of Lakeland Power Plants:					
Unit No. 7, Boiler No. 12 Permit no. AO 53-576.	Lakeland, Florida.	17-2.04(6)((e)	do	do	June 1, 1975.
Unit No. 4, No. 9 Boiler Permit no. AO 53-577.	do	17-2.04(6)(e)	do	do	Do.
Gas Turbines No. 1, No. 2, No. 3 Permit no. AO 53-578.	do	17-2.04(6)(e)	do	do	Do.
Larsen Plt. Unit No. 5, Boiler No. 10 Permit no. AO 53-579.	do	17-2.04(6)(e)	do	do	Do.
Larsen Plt. Unit No, 6, Boiler No. 11 Permit no. AO 53-580.	do	17-2.04(6)(e)	do	do	Do.
Citrus World, Inc:					
100,000 No. hr. Waste Heat Evaporator Permit no. AO 53-567.	Lake Wales, Florida.	17-2.04(2)	do	do	June 1, 1974.
1st Cooler Scrubber Permit no. AO 53-568.	do	17-2.04(2)	do	do	Do.
50,000 No. hr. Waste Permit no. AO 53-569.	do	17-2.04(2)	do	do	Do.
Peel Cooler Permit no. AO 53-570.	do	17-2.04(2)	do	do	Do.
Storage Bin Cooler System Permit no. AO 53-571.	do	17-2.04(2)	do	do	June 1, 1975.
Pellet Cooler System Permit no. AO 53-572.	do	17-2.04(2)	do	do	Do.
Air conveyor, Discharge Stack Permit no. AO 53-573.	do	17-2.04(2)	do	do	June 1, 1974.
Coca-Cola Company Foods Division Boilers Permit no. AO 53-2153.	Auburndale, Florida.	17-2.04(6)(e)3	do	do	July 1, 1975.
D. S. Prosser, Jr., Partnership Permit no. AO 53-2150.	Highland City, Florida.	17-2.04(2)	do	do	June 1, 1974.
Eger Concrete Co., Inc. Permit no. AO 53-2164.	Auburndale, Florida.	17-2.04(2)	do	do	Jan. 1, 1974.
Farmland Industries, Inc. Permit no. AO 53-2137.	Green Bay, Florida.	17-2.04(3)	do	do	July 1, 1975.
Florida Tile Industries Inc. (Sikes Corp.) Permit no. AO 53-2155.	Lakeland, Florida.	17-2.03(1)	do	do	Jan. 1, 1974.
Hunt Brothers Permit no. AO 53-2159.	Lake Wales, Florida.	17-2.04(6)(e)	do	do	July 1, 1975.
International Minerals & Chemicals Company, Noralyn Plant Permit no. AO 53-2138.	Mulberry, Florida.	17-2.04(2), (3)	do	do	June 1, 1975.
Kraft Foods—Div. of Kraft Co. Citrus Pulp Drying Plant Boilers Permit no. AO 53-2161.	Lakeland, Florida.	17-2.04(6)(e)3	do	do	July 1, 1975.
Lake Hamilton Citrus, Inc. Permit no. AO 53-2168.	Bartow, Florida	17-2.04(2)	do	do	June 1, 1974.
Macasphalt Corp. Unit No. 4 Permit no. AO 53-2134.	Lake Wales, Florida.	17-2.04(2)	do	do	Jan. 1, 1974.

AIR QUALITY CONTROL REGION NO. 52—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Mobil Chemical Company Permit no. AO 53-2142.	Nichols, Florida	17-2.04(2), (3)	do	do	July 1, 1975.
Orlando Paving Company Permit no. AO 53-2160.	Loughman, Florida.	17-2.04(2)	do	do	June 1, 1974.
Owens-Illinois Permit no. AO 53-2167.	Lakeland, Florida.	17-2.04(2)	do	do	Jan. 1, 1974.
Royster Company Permit no. AO 53-2081.	Mulberry, Florida.	17-2.04(6)(b)	do	do	July 1, 1975.
Standard Sand & Silica Company:.					
Flint Rock Dryer Permit no. AO 53-2156.	Davenport, Florida.	17-2.04(2)	do	do	July 1, 1974.
No. 2 Silica Dryer Permit no. AO 53-2158.	do	17-2.04(2)	do	do	Do.
No. 1 Silica Dryer Permit no. AO 53-2157.	do	17-2.04(2)	do	do	Do.
Sun Coast Canning Company Citrus Feed Mill Permit no. AO 53-2163.	Ft. Meade, Florida.	17-2.04(2)	do	do	July 1, 1975.
Swift and Company Permit no. AO 53-2135.	Bartow, Florida	17-2.04(2), (3), (6)(b).	do	do	Do.
USS Agri-Chemical Co. Permit no. AO 53-2139.	do	17-2.04(2), (6) (b), (c), (e)3.	do	do	Do.
USS Agri-Chemical Co. Permit no. AO 52-2144.	Ft. Meade, Florida.	17-2.04 (2) and (3) 17-2.04(6) (b), (c), (e)3.	do	do	Do.
West Gibson Department Store Permit no. SO 53-2019.	Lakeland, Florida.	17-2.04(6)(a)	do	do	Jan. 1, 1974.
Woolco Department Store (Lake Parker Shopping Mall) Permit no. SO 53-2025.	do	17-2.04(6)(a)	do	do	Do.
W. R. Grace & Company Bartow Works Permit no. AO 53-2136.	Bartow, Florida	17-2.04 (2), (3), (6)(b).	do	do	July 1, 1975.
W. R. Grace & Company Marco Chemical Div. Permit no. SO 53-2024.	do	17-2.04(6)(a)(3)	do	do	Jan. 1, 1974.
Yogurt Master Permit no. SO 53-2020.	Lakeland, Florida.	17-2.04(6)(a)	do	do	Do.
Agrico Chemical Company Permit no. AO 53-2145.	South Pierce, Florida.	17-2.04(3), (6)(b)(1).	do	do	July 1, 1975.
Citrus World, Inc. Peel Dryer Permit no. AO 53-566.	Lake Wales, Florida.	17-2.04(2)	do	do	June 1, 1974.
Keen Fruit Corp. Permit no. AO 53-2162.	Frostproof, Florida.	17-2.04(6)(e)	do	do	July 1, 1975.
SUMTER COUNTY					
Dixie Lime & Stone Co.:					
Quick Lime Plant Permit no. AO 60-711.	Sumterville, Florida.	17-2.04(2)	Apr. 17, 1973	Immediately	Feb. 15, 1975.
Fine Limestone Plant Permit no. AO 60-712.	do	17-2.04(2)	do	do	Do.

[38 FR 16145, June 20, 1973, as amended at 38 FR 22740, Aug. 23, 1973; 38 FR 24333, 24342, Sept. 7, 1973; 38 FR 26325, Sept. 19, 1973; 40 FR 11724, 11725, Mar. 13, 1975]

§ 52.525 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the legal authority to provide for public availability of emission data is inadequate.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional

Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[39 FR 34536, Sept. 26, 1974, as amended at 40 FR 55328, Nov. 28, 1975]

§ 52.526 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met, since Section 403.111 of the Florida Statutes could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, Section 403.111 is disapproved.

[39 FR 34536, Sept. 26, 1974]

§ 52.527 [Reserved]

§ 52.528 Control strategy: Sulfur oxides.

(a) The requirements of § 51.12 of this chapter are not met since the Florida plan does not provide for attainment and maintenance of the national standards for sulfur dioxide in the vicinity of the Big Bend and Gannon Steam Generating Stations in Hillsborough County, and the Crist Steam and Monsanto Textile Plants in Escambia County. Therefore, section 17-2.04(6)(e) of the Florida Administrative Code (Control of Sulfur Dioxide Emissions from Fossil Fuel Fired Steam Generators) as adopted by the former Florida Department of Pollution Control on May 20, 1975, which is part of the revised sulfur dioxide strategy, is disapproved for the Big Bend and Gannon Steam Generating Stations and Crist Steam and Monsanto Textile Plants. Section 17-2.04(6)(e) of the Florida air pollution control regulations as set forth in the original implementation plan approved by the Administrator May 31, 1972, remains the applicable regulation for these sources.

(Secs. 110 and 172 of the Clean Air Act (42 U.S.C. 7410 and 7502))

[41 FR 16462, Apr. 19, 1976, as amended at 46 FR 61270, Dec. 16, 1981]

§ 52.529 Maintenance of national standards.

(a) The areas listed below which were identified by the State of Florida are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area, including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Jacksonville Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of the area:

Duval County.

(2) Lakeland-Winter Haven Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Polk County

(3) Tampa-St. Petersburg Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of area:

Hillsborough County, Pinellas County.

[40 FR 41949, Sept. 9, 1975]

§ 52.530 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Florida.

(c) All applications and other information required pursuant to § 52.21 of this part from sources located in the State of Florida shall be submitted to the Florida Department of Environmental Regulation, Bureau of Air Quality Management, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[45 FR 52741, Aug. 7, 1980, as amended at 46 FR 17020, Mar. 17, 1981]

§ 52.531 [Reserved]

§ 52.532 Extensions.

(a) The Administrator hereby extends for 18 months (until July 1, 1980) the statutory timetable for submittal of Florida's plans to attain and maintain the secondary ambient standard for particulate matter in the Jacksonville and Tampa nonattainment areas (40 CFR 81.310).

[45 FR 2033, Jan. 10, 1980; 45 FR 28112, Apr. 28, 1980]

Subpart L—Georgia

§ 52.570 Identification of plan.

(a) Title of plan: "Implementation Plan for Attainment of State and National Ambient Air Standards."

(b) The plan was officially submitted on January 27, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Revisions to paragraph (a)(2) of Code Chapter 88-9 submitted on March 28, 1972, by the Assistant Attorney General.

(2) Certification of public hearing submitted on February 14, 1972, by the Georgia Department of Health.

(3) Miscellaneous non-regulatory additions to the plan submitted on March 9, 1972, by the Georgia Department of Health.

(4) Clarifying comments on the plan submitted on May 5, 1972, by the Georgia Department of Health.

(5) Certification of public hearing and miscellaneous additions to Chapter 391-3-1, Sections .02(2)(d), .02(2)(q), .02(2)(r) and .02(6) submitted on July 31, 1972, by the Governor.

(6) Amendments concerning operating permits, Section 391-3-1-.03, submitted on March 20, 1974, by the Georgia Department of Natural Resources.

(7) AQMA identification material submitted on May 17, 1974, by the Georgia Department of Natural Resources.

(8) Revisions to Sections 391-3-1-02(2)(a) and 391-3-1-.02(2)(g) and revocation of Section 391-3-1-02(2)(i) submitted on July 23, 1974, by the Georgia Department of Natural Resources.

(9) Compliance schedules submitted on August 2, 1974, by the Georgia Department of Natural Resources.

(10) Temporary operating permits submitted as compliance schedules on October 8, 1974, by the Georgia Department of Natural Resources.

(11) Temporary operating permits submitted as compliance schedules on November 7, 1974, by the Georgia Department of Natural Resources.

(12) Compliance schedules submitted on January 23, 1975, by the Georgia Department of Natural Resources.

(13) AQMA identification material submitted on March 10, 1975, by the Georgia Department of Natural Resources.

(14) Permit to operate for Georgia Power Company's Plant Atkinson submitted on May 22, 1975, by the Georgia Department of Natural Resources.

(15) Deletion of Section 391-3-1-.02(2)(m), the last sentence in Section 391-3-1-.03(2)(c) and the last sentence in Section 391-3-1-.03(3) submitted on June 30, 1975, by the Georgia Department of Natural Resources.

(16) Miscellaneous plan revisions, submitted on December 16, 1975, by the Georgia Department of Natural Resources.

(17) 1979 Implementation plan revisions for nonattainment areas for ozone, total suspended particulates, and carbon monoxide, submitted on January 17, March 9, 16, 20, June 29, December 27, 1979 and April 8, 1980, by the Georgia Department of Natural Resources.

(18) Order for Georgia Power Company's Plant Bowen, Units 1 and 2, Taylorsville, submitted on May 16, 1979, by the Georgia Department of Natural Resources.

(19) Miscellaneous implementation plan revisions, submitted on March 9, 1979, by the Georgia Department of Natural Resources.

(20) Alternate VOC compliance schedules for Ford and General Motors plants in the Atlanta area, submitted on April 14, 1980 by the Georgia Department of Natural Resources.

(21) Order for Georgia Power Company's Plant Harllee Branch, Unit 3 and 4 submitted on May 13, 1980, by the Georgia Department of Natural Resources.

(22) Air quality surveillance plan submitted on January 29, 1980, by the Georgia Department of Natural Resources.

(23) Permit revision affecting the allowable particulate emission rates from the No. 6 Recovery Boiler, No. 3 Power Boiler and No. 5 Smelt Dissolving Tank at the ITT Rayonier, Inc. in Jesup, Georgia submitted on December 18, 1980, by the Georgia Department of Natural Resources.

(24) Order on Units 1 and 2 of Georgia Power Company's Plant Bowen submitted on December 20, 1980, by the Georgia Department of Natural Resources.

(25) Georgia lead SIP submitted on December 18, 1980, by the Georgia Department of Natural Resources.

(26) Prevention of significant deterioration SIP, submitted on December 18, 1980, by the Georgia Department of Natural Resources.

(27) A modified permit submitted on December 22, 1981, by the Georgia Department of Natural Resources which imposes special reporting and opacity limitations on Union Camp Corporation's Power Boilers 11 and 12 in Savannah, Georgia.

(28) Set II VOC regulations, submitted on December 18, 1980, by the Georgia Department of Natural Resources.

(29) Alternative VOC compliance schedules for three sources in the Atlanta area (St. Regis Paper Co., Printpack, Inc., and American Can Co.), submitted on December 18, 1980, and May 7, 1981, by the Georgia Department of Natural Resources.

(Secs. 110, 161, and 172 of the Clean Air Act (42 U.S.C. 7410, 7471 and 7502))

[37 FR 10859, May 31, 1972, as amended at 41 FR 8959, Mar. 2, 1976; 41 FR 35185, Aug. 20, 1976; 45 FR 781, 782, Jan. 3, 1980; 46 FR 17777, Mar. 20, 1981; 46 FR 25093, May 5, 1981; 46 FR 27932, May 22, 1981; 46 FR 40007, Aug. 6, 1981; 46 FR 41051, Aug. 14, 1981; 46 FR 41499, Aug. 17, 1981; 46 FR 54941, Nov. 5, 1981; 46 FR 55968, Nov. 13, 1981; 46 FR 54788, Nov. 24, 1981; 47 FR 6018, Feb. 10, 1982; 47 FR 15795, Apr. 13, 1982]

§ 52.571 Classification of regions.

The Georgia plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Augusta (Georgia)-Aiken (South Carolina) Interstate	I	II	III	III	III
Metropolitan Atlanta Intrastate	I	I	III	III	III
Chattanooga Interstate	I	II	III	III	III
Columbus (Georgia)-Phenix City (Alabama) Interstate	I	III	III	III	III
Central Georgia Intrastate	I	I	III	III	III
Jacksonville (Florida)-Brunswick (Georgia) Interstate	I	II	III	III	I
Northeast Georgia Intrastate	II	III	III	III	III
Savannah (Georgia)-Beaufort (South Carolina) Interstate	I	I	III	III	III
Southwest Georgia Intrastate	II	II	III	III	III

[37 FR 10859, May 31, 1972, as amended at 39 FR 16346, May 8, 1974]

§ 52.572 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Georgia's plans for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plans satisfy all requirements of Part D, Title I, of the Clean Air Act as amended in 1977, except as noted below.

[44 FR 54050, Sept. 18, 1979]

§ 52.573 [Reserved]

§ 52.574 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met since the State failed to submit a plan for the review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Georgia.

[39 FR 7280, Feb. 25, 1974]

§ 52.575 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in Georgia's plan.

Air quality control region and nonattainment area	Pollutant						
	TSP		SO		NO	CO	O_3
	Primary	Secondary	Primary	Secondary			
Augusta (Georgia)-Aiken (South Carolina Interstate)	c	c	a	c	b	b	b
Metropolitan Atlanta Intrastate:							
a. Atlanta non-attainment areas [1]	d	f	c	c	b	e	d
b. Rest of AQCR	c	c	c	c	b	b	b
Chattanooga Interstate:							
a. Rossville [1]	d	f	a	c	b	b	b
b. Rest of AQCR	c	c	a	c	b	b	b
Columbus (Georgia)-Phenix City (Alabama) Interstate:							
a. Muscogee County	c	c	b	b	b	b	d
b. Rest of AQCR	c	c	b	b	b	b	b
Central Georgia Intrastate	c	c	c	c	b	b	b
Jacksonville (Florida)-Brunswick (Georgia) Interstate	c	c	a	c	b	b	b
Northeast Georgia Intrastate	a	c	b	b	b	b	b
Savannah (Georgia)-Beaufort (South Carolina) Interstate:							
a. Savannah [1]	d	f	c	c	b	b	b
b. Rest of AQCR	c	c	c	c	b	b	b

Air quality control region and nonattainment area	Pollutant						
	TSP		SO		NO	CO	O_3
	Primary	Secondary	Primary	Secondary			
Southwest Georgia Intrastate	a	*c*	a	*c*	b	b	b

a. Air quality levels presently below primary standards or area is unclassifiable.
b. Air quality levels presently below secondary standards or area is unclassifiable.
c. July 1975.
d. December 31, 1982.
e. December 31, 1987.
f. 18-month extension granted.

[1] For more precise delineation, see 81.311 of this chapter.

NOTE: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

[45 FR 5701, Jan. 24, 1980]

§ 52.576 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as meeting the requirements of §§ 51.6 and 51.15 of this chapter. All regulations cited are air pollution control regulations of the State.

GEORGIA

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Duncan & Johnson Lumber Co., Inc., Conical Burner Permit no. 2421-106-1095-T.	Columbus	391-3-1-.02(2)(1).	July 29, 1974	Immediately	Sept. 16, 1974.
Anderson Gin, Cotton Gin Permit no. 0724-107-1311-T.	Covington	391-3-1-.02(2)(q).	do	do	May 15, 1974.
Arlington Manufacturing Co., Cotton Gin Permit no. 0724-019-1050-T.	Arlington	391-3-1-.02(2)(q).	Apr. 25, 1975	do	Aug. 15, 1974.
John D. Archbold Memorial Hospital, Incinerator Permit no. 8061-136-1237-T.	Thomasville	391-3-1-.02(2)(c).	July 29, 1974	do	Jan. 1, 1975.
Barrow & Prescott, Inc., Cotton Gin Permit no. 0724-081-783-T.	Matthews	391-3-1-.02(2)(q).	Apr. 25, 1974	do	Sept. 1, 1974.
Bascoa Co. (Godee Gin), Cotton Gin Permit no. 0724-124-1531-T.	Sylvania	391-3-1-.02(2)(q).	July 29, 1874	do	Aug. 15, 1974.
Battle Lumber Co., Inc., Conical Burner Permit no. 2421-81-1512-T.	Wadley	391-3-1-.02(2)(1).	do	do	Dec. 31, 1974.
Baxley Veneer & Cleat Co., Inc., Conical Burner Permit no. 2499-047-778-T.	Albany	391-3-1-.02(2)(1).	Apr. 25, 1974	do	Jan. 18, 1974.
Beadlee Lumber Co., Conical Burner Permit no. 2421-35-1510-T.	Moultrie	391-3-1-.02(2)(1).	July 29, 1974	do	Dec. 31, 1974.
Le Roy T. Bird & Son Ginnery, Cotton Gin Permit no. 0724-016-1161-T.	Portal	391-3-1-02(2)(q).	do	do	Aug. 15, 1974.
Blakely Peanut Co., Conical Burner Permit no. 5159-49-1483-T.	Blakely	391-3-1-02(2)(1).	do	do	Aug. 1, 1974.
Blount Asphalt Co., Inc., Hot Mix Asphalt Plant Permit no. 2951-075-1333-T.	Stockbridge	391-3-1-02(2)(k).	do	do	Sept. 30, 1974.
Buford General Hospital, Incinerator Permit no. 8061-067-890-T.	Buford	391-3-1-02(2)(c).	Apr. 25, 1974	do	Jan. 1, 1975.
Ace Post Co., Inc., Conical Burner Permit no. 2491-148-1515-T.	Waycross	391-3-1-.02(2)(1).	July 29, 1974	do	Dec. 31, 1974.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Burgin Lumber Co., Inc., Conical Burners Nos. 1, 2, 3 Permit no. 2421-120-1516-T.	Cuthbert	391-3-1-.02(2)(1).	do	do	Do.
Burt Lumber Co., Conical Burner Permit no. 2421-157-1496-T.	Washington	391-3-1-.02(2)(1).	do	do	Do.
Button Gwinett Hospital, Incinerator Permit no. 8061-067-889-T.	Lawrenceville	391-3-1-.02(2)(c).	Apr. 25, 1974	do	Jan. 1, 1975.
Cargill Inc., Soybean Truck and Railroad Unloading Permit no. 2075-069-980-T.	Gainesville	391-3-1-.02(2)(N).	do	do	Mar. 1, 1975.
Casey Bros., Cotton Gin Permit no. 0724-057-760-T.	Cave Springs	391-3-1-.02(2)(q).	do	do	Aug. 15, 1974.
Clarkes Block Co., Concrete Block Facility Permit no. 3271-025-1250-T.	Savannah	391-3-1-.02(2)(N).	July 29, 1974	do	Sept. 15, 1974.
Cobb Memorial Hospital, Incinerator Permit no. 8061-059-1170-T.	Royston	391-3-1-.02(2)(c).	Apr. 25, 1974	do	Aug. 15, 1974.
Coleman Gin, Cotton Gin Permit no. 0724-053-955-T.	Swainsboro	391-3-1-.02(2)(q).	do	do	Do.
Coley's Gin and Fertilizer Co., Cotton Gin Permit no. 0724-046-832-T.	Vienna	391-3-1-.02(2)(q).	do	do	Do.
Columbian Peanut Co., Conical Burner Permit no. 5159-120-1485-T.	Shellman	391-3-1-.02(2)(1).	July 29, 1974	do	Aug. 1, 1974.
Columbian Peanut Co., Conical Burner Permit no. 5159-101-1484-T.	Pelham	391-3-1-.02(2)(1).	do	do	Do.
Columbian Peanut Co., Peanut Shelling and Cleaning Permit no. 5159-30-1482-T.	Fort Gaines	391-3-1-.02(2)(1).	do	do	Do.
Comer Gin Co. (Madison County Gin), Cotton Gin Permit no. 0724-095-1542-T.	Danielsville	391-3-1-.02(2)(q).	do	do	Aug. 15, 1974.
Connor Bros. Lumber Co., Conical Burner Permit no. 2421-137-1509-T.	Tifton	391-3-1-.02(2)(1).	do	do	Dec. 15, 1974.
Container Corp. of America, Conical Burner Permit no. 2421-134-1506-T.	McRae	391-3-1-.02(2)(1).	do	do	Dec. 31, 1974.
Control Packaging Corp., Fuller's Earth Processing Facility Permit no. 3295-136-1188-T.	Ochlocknee	391-3-1-.02(2)(N)(p).	do	do	June 15, 1974.
Desoto Gin & Peanut Co., Cotton Gin Permit no. 0724-129-769-T.	DeSoto	391-3-1-.02(2)(q).	Apr. 25, 1974	do	Sept. 1, 1974.
Diamond Shamrock Chemical Co., NOPCO Division:					
Hydrated Silicon Dioxide Drying Permit no. 2841-115-1453-T.	Cedartown	391-3-1-.02(2)(e).	July 29, 1974	do	Dec. 1, 1974.
Sulfonated Naphthalene Spray Drying Permit no. 2841-115-1451-T.	do	391-3-1-.02(2)(e).	do	do	May 1, 1975.
Sodium or Potassium Stearate Soap Manufacturing Permit no. 2841-115-1450-T.	do	391-3-1-.02(2)(e).	do	do	Feb. 1, 1975.
Metallic Soap Drying Permit no. 2841-115-1449-T.	do	391-3-1-.02(2)(e).	do	do	July 1, 1975.
Dooly Medical Center, Incinerator Permit no. 8061-046-1286-T.	Vienna	391-3-1-.02(2)(c).	do	do	Nov. 1, 1974.
Dunn's Cotton Gin, Cotton Gin Permit no. 0724-120-846-T.	Shellman	391-3-1-.02(2)(q).	Apr. 25, 1974	do	Aug. 15, 1974.
Farmers Gin Co., Cotton Gin Permit no. 0724-019-1534-T.	Edison	391-3-1-.02(2)(q).	July 29, 1974	do	Do.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Farmers Gin Co., Cotton Gin Permit no. 0724-088-803-T.	Smithville	391-3-1-.02(2)(q).	Apr. 25, 1974	do	Sept. 1, 1974.
Farmers Gin & Storage Co., Inc., Cotton Gin Permit no. 0724-081-1192-T.	Wadley	391-3-1-.02(2)(q).	July 29, 1974	do	Aug. 15, 1974.
Farmers Mill & Elevator Co., Inc., Cotton Gin Permit no. 0724-087-1268-T.	Dexter	391-3-1-.02(2)(q).	do	do	Do.
Funston Gin Co., Inc., Cotton Gin Permit no. 0724-035-1198-T.	Funston	391-3-1-.02(2)(q).	do	do	Do.
Sam Finley, Inc., Hot Mix Asphalt Plant Permit no. 2951-025-1047-T.	Savannah	391-3-1-.02(2)(k).	Apr. 25, 1974	do	Do.
Fitzgerald Oil & Fertilizer Co., Cotton Gin Permit no. 0724-009-1160-T.	Fitzgerald	391-3-1-.02(2)(q).	July 29, 1974	do	Do.
Georgia Pacific Corp., Plaster and Gypsum Wallboard Plant Permit no. 3275-063-1426-T.	Brunswick	391-3-1-.02(2)(e).	do	do	May 1, 1975.
Glennville Wood Preserving Co., Inc., Wood-fired Boiler Permit no. 2491-132-1104-T.	Glennville	391-3-1-.02(2)(d).	do	do	Aug. 15, 1974.
Griffin-Spalding County Hospital, Incinerator Permit no. 8061-126-1010-T.	Griffin	391-3-1-.02(2)(c).	do	do	July 15, 1974.
Cecil Hodges Lumber Co., Conical Burner Permit no. 2421-150-1498-T.	Sandersville	391-3-1-.02(2)(l).	do	do	Dec. 31, 1974.
John L. Lutchenson Memorial Tri County Hospital, Incinerator Permit no. 8061-023-990-T.	Fort Oglethorpe	391-3-1-.02(2)(c).	Apr. 25, 1974	do	July 1, 1975.
IMC Corp., Granular Fertilizer Manufacturing Plant Permit no. 2871-121-1347-T.	Augusta	391-3-1-.02(2)(N).	July 29, 1974	do	Dec. 31, 1974.
IMC Corp., Superphosphate and Granular Fertilizer Manufacturing Plant Permit no. 2871-129-1337-T.	Americus	391-3-1-.02(2)(N).	do	do	Do.
Horace Jackson Lumber Co., Inc., Conical Burner Permit no. 2421-150-1497-T.	Sandersville	391-3-1-.02(2)(l).	do	do	Do.
Jenkins County Gin Co., Inc., Cotton Gin Permit no. 0724-082-998-T.	Millen	391-3-1-.02(2)(q).	Apr. 25, 1974	do	Aug. 15, 1974.
Johnson Concrete Co., Ready-Mix Concrete Plant Permit no. 3273-126-706-T.	Griffin	391-3-1-.02(2)(N).	do	do	Jan. 4, 1974.
Keadle Bros. Lumber Co., Conical Burner Permit no. 2421-101-1494-T.	Camilla	391-3-1-.02(2)(l).	July 29, 1974	do	Dec. 31, 1974.
Kennestone Hospital, Incinerator Permit no. 8061-033-1179-T.	Marietta	391-3-1-.02(2)(c).	do	do	July 15, 1974.
Knight Bros. Lumber Co., Inc., Conical Burner Permit no. 2421-143-1514-T.	Jeffersonville	391-3-1-.02(2)(l).	do	do	Dec. 31, 1974.
Lamb Bros. Lumber Co., Inc., Conical Burner Permit no. 2421-81-1492-T.	Wrens	391-3-1-.02(2)(l).	do	do	Do.
Leslie Peanut & Gin Co., Inc., Cotton Gin Permit no. 0724-129-1232-T.	Leslie	391-3-1-.02(2)(q).	do	do	Aug. 15, 1974.
Leonard N. Lokey Manufacturing Co., Conical Burner Permit no. 2499-097-688-T.	Thomson	391-3-1-.02(2)(l).	Apr. 25, 1974	do	Apr. 12, 1974.
Louisville Fertilizer & Gin Co., Cotton Gin Permit no. 0724-081-814-T.	Louisville	391-3-1-.02(2)(q).	do	do	Sept. 1, 1974.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
McAvoy Wood Products Co., Inc., Conical Burner Permit no. 2511-157-1501-T.	Washington	391-3-1-.02(2)(l).	July 29, 1974	do	Dec. 31, 1974.
McCay Gin & Warehouse, Cotton Gin Permit no. 0724-040-777-T.	Cordele	391-3-1-.02(2)(q).	Apr. 25, 1974	do	Sept. 1, 1974.
McGarity & Welch Gin Co., Cotton Gin Permit no. 0724-075-758-T.	McDonough	391-3-1-.02(2)(q).	do	do	Oct. 1, 1974.
Macon County Gin Co., Inc., Cotton Gin Permit no. 0724-046-1042-T.	Byromville	391-3-1-.02(2)(q).	do	do	Aug. 15, 1974.
Macon County Gin Co., Inc., Cotton Gin Permit no. 0724-094-841-T.	Montezuma	391-3-1-.02(2)(q).	do	do	Do.
Cliff Martin Gin Co., Inc., Cotton Gin Permit no. 0724-081-1275-T.	Wrens	391-3-1-.02(2)(q).	July 29, 1974	do	Do.
Meadows & Thomas, Inc., Cotton Gin Permit no. 0724-138-1243-T.	Lyons	391-3-1-.02(2)(q).	do	do	Do.
Millen Fertilizer Co., (Millen Gin), Cotton Gin Permit no. 0724-082-1194-T.	Millen	391-3-1-.02(2)(q).	do	do	Do.
Mobley Lumber Co., Inc. Conical Burner Permit no. 2421-124-1493-T.	Sylvania	391-3-1-.02(2)(l).	do	do	Dec. 31, 1974.
Monroe County Hospital, Incinerator Permit no. 8061-102-1165-T.	Forsyth	391-3-1-.02(2)(c).	do	do	June 21, 1975.
Hubert Moore Lumber Co., Open Burning Permit no. 2421-010-1001-T.	Alapaha	391-3-1-.02(5)(a).	Apr. 25, 1974	do	Jan. 1, 1975.
Pelham Phosphate Co.:					
Ammonium Thiosulfate Plant Permit no. 2871-101-1401-T.	Pelham	391-3-1-.02(2)(N) (R).	July 29, 1974	do	June 15, 1974.
Superphosphate Plant Permit no. 2871-101-1400-T	do	391-3-1-.02(2) (N)(R).	do	do	Do.
Granular Fertilizer Plant Permit no. 2871-101-1399-T.	do	391-3-1-02(2)(N) (R).	do	do	June 15, 1975.
Plains Cotton Warehouse, Peanut Shelling and Cleaning Permit no. 5159-129-1487-T.	Plains	391-3-1-.02(2)(N).	do	do	Aug. 1, 1974.
Planters Product Co., Conical Burner Permit no. 5159-125-1490-T.	Donalsonville	391-3-1-.02(2)(l).	do	do	Do.
Producers Gin Co., Cotton Gin Permit no. 0724-046-1183-T.	Pinehurst	391-3-1-.02(2)(q).	do	do	Aug. 15, 1974.
Producers Gin Service, Cotton Gin Permit no. 0724-150-1181-T.	Harrison	391-3-1-.02(2)(q).	do	do	Do.
Pulliam Lumber Co., Conical Burner Permit no. 2421-62-1508-T.	Mitchell	391-3-1-.02(2)(1).	do	do	Dec. 31, 1974.
Riddle & Slack Lumber Co., Conical Burner Permit no. 2421-137-1517-T.	Tifton	391-3-1-.02(2)(1).	do	do	Do.
J. M. Rowland Gin, Cotton Gin Permit no. 0724-017-837-T.	Midville	391-3-1-.02(2)(q).	Apr. 25, 1974	do	Aug. 15, 1974.
St. Joseph Hospital, Incinerator Permit no. 8061-121-1408-T.	Augusta	391-3-1-.02(2)(c).	July 29, 1974	do	Oct. 20, 1974.
Sasser Gin Co., Cotton Gin Permit no. 0724-135-922-T.	Sasser	391-3-1-.02(2)(q).	Apr. 25, 1974	do	Aug. 15, 1974.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Shingler Farm Service, Inc., Cotton Gin Permit no. 0724-159-1281-T.	Poulan	391-3-1-.02(2)(q).	July 29, 1974	do	Do.
H. E. Sims Lumber Co., Inc., Conical Burner Permit no. 2421-141-1511-T.	LaGrange	391-3-1-.02(2)(1).	do	do	Dec. 31, 1974.
C. R. Simmons Warehouse, Cotton Gin Permit no. 0724-133-1175-T.	Reynolds	391-3-1-.02(2)(q).	do	do	Aug. 15, 1974.
The Singer Co., Peanut Shelling and Cleaning Permit no. 5159-128-1486-T.	Lumpkin	391-3-1-.02(2)(N).	do	do	Aug. 1, 1974.
Smith Gin Co., Cotton Gin Permit no. 0724-008-1029-T.	Adairsville	391-3-1-.02(2)(q).	Apr. 25, 1974	do	Aug. 15, 1974.
Smith Setzer & Sons of Georgia, Inc., Cement Storage Silos and Concrete Mixer Equipment Permit no. 3272-108-909-T.	Watkinsville	391-3-1-.02(2)(N).	do	do	Apr. 1, 1974.
Murph Gin & Warehouse, Cotton Gin Permit no. 0724-094-1533-T.	Marshallville	391-3-1-.02(2)(q).	July 29, 1974	do	Aug. 15, 1974.
Musella Gin & Cotton Co., Cotton Gin Permit no. 0724-039-1201-T.	Musella	391-3-1-.02(2)(q).	do	do	Do.
Myers Hardwood Co., Conical Burner Permit no. 2448-134-1507-T.	Lumber City	391-3-1-.02(2)(1).	do	do	Dec. 31, 1974.
National Gypsum Co., Plaster and Gypsum Wallboard Plant Permit no. 3275-025-1315-T.	Garden City	391-3-1-.02(2)(e).	do	do	July 1, 1975.
National Homes Manufacturing Co., Conical Burner Permit no. 2451-97-1502-T.	Thomson	391-3-1-.02(2)(1).	do	do	Dec. 31, 1974.
Roy V. Noble Co., Cotton Gin Permit no. 0724-046-822-T.	Pinehurst	391-3-1-.02(2)(q).	Apr. 25, 1974	do	Aug. 15, 1974.
Roy V. Noble Co., Cotton Gin Permit no. 0724-046-821-T.	Vienna	391-3-1-.02(2)(q).	do	do	Do.
Nu-Knox, Inc., Conical Burner Permit no. 2421-97-1500-T.	Thomson	391-3-1-.02(2)(1).	July 29, 1974	do	Dec. 31, 1974.
Peach County Hospital, Incinerator Permit no. 8061-111-1167-T.	Fort Valley	391-3-1-.02(2)(c).	do	do	July 1, 1974.
Southeastern Brick Co., Brick Production Permit no. 3271-148-1338-T.	Waycross	391-3-1-.02(2)(N).	do	do	Sept. 30, 1974.
Southern States Phosphate & Fertilizer, Granular Fertilizer Manufacturing Plant and Normal Superphosphate Manufacturing Plant Permit no. 2871-025-1445-T.	Savannah	391-3-1-.02(2)(N).	do	do	Dec. 31, 1974.
Stapleton Gin Co., Cotton Gin Permit No. 0724-081-762-T.	Stapleton	391-3-1-.02(2)(q).	Apr. 25, 1974	do	Aug. 15, 1974.
Sumner Construction Corp., Hot Mix Asphalt Plant Permit no. 2951-137-1041-T.	Tifton	391-3-1-.02(2)(k).	do	do	Do.
Swift Fertilizer, Granular Fertilizer Plant Permit no. 2871-047-1330-T.	Albany	391-3-1-.02(2)(N).	July 29, 1974	do	Dec. 31, 1974.
Swift Chemical Co., Savannah Superphosphate and Granular Fertilizer Manufacturing Plant Permit no. 2871-025-1332-T.	Savannah	391-3-1-.02(2)(N).	do	do	Do.
Temple Gin Co., Cotton Gin Permit no. 0724-073-1185-T.	Hartwell	391-3-1-.02(2)(c).	do	do	Aug. 15, 1974.
Tom's Foods, Ltd., Boiler Permit no. 2065-106-1346-T.	Columbus	391-3-1-.02(2)(d).	do	do	June 30, 1975.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
J. A. Thomas Gin, Cotton Gin Permit no. 0724-108-1182-T.	Farmington	391-3-1-.02(2)(q).	do	do	Aug. 15, 1974.
Town Creek Feed Mill, Feed Mill Permit no. 2048-028-1479-T.	Canton	391-3-1-.02(2)(N).	do	do	Jan. 31, 1975.
Tom's Foods, Ltd., Bulk Sugar Railroad Car Unloading Permit no. 2065-106-1345-T.	Columbus	391-3-1-.02(2)(N).	do	do	Dec. 1, 1974.
H. V. & T. G. Thompson Lumber Co., Inc., Conical Burner Permit no. 2421-103-1495-T.	Ailey	391-3-1-.02(2)(1).	do	do	Dec. 31, 1974.
Trapnell Gin Co., Cotton Gin Permit no. 0724-021-1162-T.	Metter	391-3-1-.02(2)(q).	do	do	Aug. 15, 1974.
Tugalo Construction Co., Inc., Hot Mix Asphalt Plant Permit no. 2951-127-1012-T.	Toccoa	391-3-1-.02(2)(k).	Apr. 25, 1974	do	Do.
Turner County Hospital, Incinerator Permit no. 8061-142-873-T.	Ashburn	391-3-1-.02(2)(c).	do	do	Jan. 1, 1975.
Twiggs Gin Co., Inc., Cotton Gin Permit no. 0724-143-874-T.	Jeffersonville	391-3-1-.02(2)(q).	do	do	Aug. 15, 1974.
USS Agri-Chemicals, Division of U.S. Steel Corp., Granular and Superphosphate Fertilizer Manufacturing Plant Permit no. 2871-106-1317-T.	Columbus	391-3-1-.02(2)(N).	July 29, 1974	do	Dec. 31, 1974.
N. A. West Block Co., Inc., Cement Silo and Boiler Permit no. 3271-061-876-T.	East Ellijay	391-3-1-.02(2)(N).	Apr. 25, 1974	do	June 30, 1974.
Pearson Mills, Conical Burner Permit no. 2421-111-907-T.	Fort Valley	391-3-1-.02(2)(1).	do	do	Apr. 30, 1974.
American Coach Co., conical burner, Permit no. 2451-005-1595-T.	Milledgeville, Baldwin County.	391-3-1-.02(2)(L).	Oct. 29, 1974	do	Dec. 31, 1974.
American Cyanamid Co., kaolin clay processing facilities, Permit no. 3295-094-1669-T.	Anderson, Sumter County.	391-3-1-.02(2)(N).	do	do	Nov. 30, 1974.
American Industrial Clay Co., kaolin clay processing facilities, Permit no. 3295-150-1231-T.	Sandersville, Washington County.	391-3-1-.02(2)(N), 391-3-1-.02(2)(P).	do	do	Dec. 31, 1974.
Associated Rubber Co., facility for the reclaiming of rubber, Permit no. 3069-071-1259-T.	Tallapoosa, Haralson County.	391-3-1-.02(2)(A).	do	do	July 1, 1975.
Augusta Building Supply, ready mix concrete facility, Permit no. 3273-121-1433-T.	Augusta, Richmond County.	391-3-1-.02(2)(N).	do	do	Do.
Babcock and Wilcox Co., kaolin clay processing facility, Permit no. 3295-121-1719-T.	Hephzibah, Richmond County.	391-3-1-.02(2)(N).	do	do	Jan. 1, 1975.
Bainbridge Tie & Lumber Co., lumber company—open burning of waste, Permit no. 2421-043-1800-T.	Fowlstown, Decature County.	391-3-1-.02(2)(A).	do	do	Dec. 31, 1974.
Balfour Lumber Co., conical burner only, Permit no. 2421-136-1696-T.	Thomasville, Thomas County.	391-3-1-.02(2)(L).	do	do	Do.
Bostwick Gin, cotton gin, Permit no. 0724-104-1474-T.	Bostwick, Morgan County.	391-3-1-.02(2)(Q)	do	do	Aug. 15, 1974.
Burgess Pigment Co., kaolin clay processing facilities, Permit no. 3295-150-1661-T.	Sandersville, Washington County.	391-3-1-.02(2)(N), 391-3-1-.02(2)(P).	do	do	Aug. 1, 1974.
C. & S. Block, Inc., concrete block facility, Permit no. 3271-155-1722-T.	Dalton, Whitfield County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.
Cohutta Talc Co., Inc., talc processing facility, Permit no. 3295-105-1682-T.	Chatsworth, Murray County.	391-3-1-.02(2)(N).	do	do	Aug. 31, 1974.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Collins Ready Mix Concrete, Inc., ready mix concrete facility, Permit no. 3273-018-1345-T.	Jackson, Butts County.	391-3-1-.02(2)(N).	do	do	Sept. 30, 1974.
Columbia Nitrogen Corp., granular fertilizer manufacturing plant, Permit no. 2671-011-1341-T.	Macon, Bibb County.	391-3-1-.02(2)(R). 391-3-1-.02(2)(N).	do	do	Dec. 31, 1974.
Columbia Nitrogen Corp., sulfuric acid plant, Permit no. 2671-035-1360-T.	Moultrie, Colquitt County.	391-3-1-.02(2)(N).	do	do	Do.
Coastal Timber Lands, Inc., conical burner, Permit no. 2421-084-1598-T.	Gray-Jones County.	391-3-1-.02(2)(L).	do	do	Do.
Dave T. Brown Lumber Co., lumber wastes, open burning, Permit no. 2421-041-1761-T.	Trenton, Dade County.	391-3-1-.02(2)(A).	do	do	Do.
E. C. Carter Gin Co., cotton gin, Permit no. 0724-016-1587-T.	Portal, Bulloch County.	391-3-1-.02(2)(Q).	do	do	Aug. 15, 1974.
J. U. Barber Lumber Co., Inc., conical burner, Permit no. 2421-099-1587-T.	Luthersville, Meriwether County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
V. Albert Brown Lumber Co., conical burner, Permit no. 2421-150-1610-T.	Warthen, Washington County.	391-3-1-.02(2)(L).	do	do	Do.
W. C. Bradley Co., cotton gin, Permit no. 0724-128-1583-T.	Omaha Stewart County.	391-3-1-.02(2)(Q) (N).	do	do	Aug. 15, 1974.
Mix concrete facility Permit no. 3271-092-1708-T.	Lowneds County..				
Concrete Industries, Inc., concrete products facility, Permit no. 3271-047-1709-T.	Albany, Dougherty County.	391-3-1-.02(2)(N).	do	do	Do.
Cornell-Young Co., ready mix concrete facility, Permit no. 3273-011-1602-T.	Macon, Bibb County.	391-3-1-.02(2)(N).	do	do	Aug. 30, 1974.
Cornell-Young Co., ready mix concrete facility, Permit no. 3273-011-1601-T.	do	391-3-1-.02(2)(N).	do	do	May 15, 1975.
Damascus Lumber Co., lumber company—open burning of wastes, Permit no. 2421-048-1789-T.	Damascus, Early County.	391-3-1-.02(2)(A).	do	do	Dec. 31, 1974.
Davis Lumber Co., lumber company—open burning of wastes, Permit no. 2421-047-1744-T.	Albany, Dougherty County.	391-3-1-.02(2)(A).	do	do	Do.
Day Co's., conical burner only, Permit no. 2421-120-1697-T.	Cuthbert, Randolf County.	391-3-1-.02(2)(L).	do	do	Dec. 15, 1974.
Del-Cook Lumber Co., conical burner No. 1, conical burner No. 2, Permit no. 2421-037-1736-T.	Adel, Cook County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Eagle-Picher Industries; zinc and manganous oxide line, Permit no. 2875-115-1707-T.	Cedartown, Polk County.	391-3-1-.02(2)(E).	do	do	Feb. 15, 1975.
Espy Materials, Inc., ready mix concrete facility, Permit no. 3273-025-1505-T.	Savannah, Chatham County.	391-3-1-.02(2)(Q).	do	do	Jan. 31, 1975.
Feed Seed and Farm Supplies, Inc., feed mill, Permit no. 2048-124-1549-T.	Sylvania, Screven County.	391-3-1-.02(2)(N).	do	do	Do.
Freeman Lumber Co., conical burner, Permit no. 2448-158-1594-T.	Toomsboro, Wilkinson County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Freeport Kaolin Co., kaolin clay processing facilities, Permit no. 3295-158-1672-T.	Gordon, Wilkinson County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
General American Transportation Corp., sandblasting of railroad cars, disposal of paint residue and spray painting of railroad cars. Permit no. 3743-148-1622-T.	Waycross, Ware County.	391-3-1-.02(2)(N).	do	do	Dec. 15, 1974.
General Refractories Co., kaolin clay processing facilities, Permit no. 3295-005-1635-T.	Stevens Pottery, Baldwin County.	391-3-1-.02(2)(P), 391-3-1-.02(2)(N).	do	do	Feb. 28, 1975.
Georgia Crate and Basket, conical burner only, Permit no. 2449-136-1702-T.	Thomasville, Thomas County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Georgia Kaolin Co., kaolin clay processing facilities, Permit no. 3295-143-1244-T.	Dry Branch, Bibb County.	391-3-1-.02(2)(P), 391-3-1-.02(2)(N).	do	do	Dec. 1, 1974.
Georgia Kaolin Co., kaolin clay bulk terminal facilities, Permit no. 3295-025-1717-T.	Savannah, Chatham County.	391-3-1-.02(2)(N).	do	do	July 31, 1975.
Georgia Marble Co., calcium carbonate, Permit no. 3281-061-1698-T.	Whitestone, Pickens County.	391-3-1-.02(2)(N).	do	do	Do.
Georgia Talc Co., Inc., aluminum hydrate processing facility, Permit no. 3295-105-1711-T.	Chatsworth, Murray County.	391-3-1-.02(2)(N).	do	do	Sept. 30, 1974.
Georgia Tennessee Mining & Chemical Co., fullers earth clay processing plant No. 8 facilities, Permit no. 3295-081-1267-T.	Wrens, Jefferson County.	391-3-1-.02(2)(P), 391-3-1-.02(2)(N).	do	do	Sept. 1, 1974.
Gold Kist Fertilizer, superphosphate and granular fertilizer manufacturing plant, Permit no. 2871-040-1328-T.	Cordele, Crisp County.	391-3-1-.02(2)(F), 391-3-1-.02(2)(N).	do	do	Dec. 31, 1974.
Griffin Gin & Supply Co., Inc.; cotton gin, Permit no. 0724-130-1581-T.	Meigs, Thomas County.	391-3-1-.02(2)(Q).	do	do	Aug 15, 1974.
Hallman Wood Products, Inc., conical burner, Permit no. 2411-117-1607-T.	Eatonton, Putnam County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Hardwoods of Georgia Inc., lumber company—open burning of wastes, Permit no. 2421-038-1790-T.	Raymond, Coweta County.	391-3-1-.02(2)(A).	do	do	Do.
Harris Cement Products, Inc., concrete products facility, Permit no. 3272-008-1793-T.	Cartersville, Bartow County.	391-3-1-.02(2)(N).	do	do	Sept. 30, 1974.
Harris Lumber Co., conical burner, Permit no. 2421-028-1586-T.	Ballground, Cherokee County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Harrison Lumber Co., conical burner, Permit no. 2421-147-1585-T.	Monroe, Walton County.	391-3-1-.02(2)(L).	do	do	Do.
Hatcher Feed Mills, Inc.; feed mill, Permit no. 2048-102-1457-T.	Forsyth, Monroe County.	391-3-1-.02(2)(N).	do	do	Jan. 31, 1975.
Heart of Georgia Peanut & Gin Co., cotton gin, Permit no. 0724-116-1567-T.	Hawkinsville, Pulaski County.	391-3-1-.02(2)(Q).	do	do	Aug. 15, 1974.
Hogan-Scarboro Corp., conical burner, Permit no. 2434-87-1589-T.	Dudley, Laurens County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Homerville Pole Co., conical burner, Permit no. 2411-32-1559-T.	Homerville, Clinch County.	391-3-1-.02(2)(L).	do	do	Do.
Hopeful Peanut and Milling Co., feed mill, Permit no. 2048-125-1551-T.	Camilla, Mitchell County.	391-3-1-.02(2)(N).	do	do	Jan. 31, 1975.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
J. M. Huber Corp., kaolin clay processing facilities, Permit no. 3295-081-1657-T.	Wrens, Jefferson County.	391-3-1-.02(2)(N).	do	do	June 1, 1975.
Irvin Lumber Co., lumber company—open burning of wastes, Permit no. 2421-154-1745-T.	Cleveland, White County.	391-3-1-.02(2)(A).	do	do	Dec. 31, 1974.
Jackson Ready Mix Concrete, Inc., ready mix concrete facility, Permit no. 3273-078-1627-T.	Commerce, Jackson County.	391-3-1-.02(2)(N).	do	do	May 15, 1975.
Jones Concrete Co., ready mix concrete facility, Permit no. 3273-137-1626-T.	Tifton, Tift County.	391-3-1-.02(2)(N).	do	do	Do.
M. C. Jones Lumber Co., Inc., conical burner only, Permit no. 2421-134-1701-T.	Milan, Felfair County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Howard Q. Kennedy Co., feed mill, Permit no. 2048-135-1537-T.	Parrott, Terrell County.	391-3-1-.02(2)(N).	do	do	Jan. 31, 1975.
Frank G. Lake Sawmill, conical burner, Permit no. 2421-079-1616-T.	Monticello, Jasper County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Thiele Kaolin Co., kaolin clay processing facilities, Permit no. 3295-062-1654-T.	Stapleton, Jefferson County.	391-3-1-.02(2)(N).	do	do	June 1, 1975.
Thiele Kaolin Co., kaolin clay processing facility, Permit no. 3295-150-1640-T.	Sandersville, Washington County.	391-3-1-.02(2)(P) 391-3-1-.02(2)(N).	do	do	Dec. 31, 1974.
Thomason Lumber Co., Inc., conical burner, Permit no. 2421-153-1609-T.	Dalton, Whitfield County.	391-3-1-.02(2)(L).	do	do	Do.
Thor Mining Co., fullers earth processing facilities, Permit no. 3295-136-1716-T.	Ochlocknee, Thomas County.	391-3-1-.02(2)(P), 391-3-1-.02(2)(N).	do	do	Sept. 15, 1974.
Transvaal Inc., cuprous chloride, Permit no. 2819-033-1564-T.	Powder Springs, Cobb County.	391-3-1-.02(2)(A).	do	do	June 16, 1975.
Tucker Concrete Co., Inc., ready mix concrete facility, Permit no. 3273-044-1752-T.	Tucker, Deklab County.	391-3-1-.02(2)(N).	do	do	June 15, 1975.
Waverly Mineral Products Co., fullers earth processing facilities, Permit no. 3295-136-1361-T.	Meigs, Thomas County.	391-3-1-.02(2)(P), 391-3-1-.02(2)(N).	do	do	Feb. 1, 1975.
Wrightsville Lumber Co., lumber company—open burning of wastes, Permit no. 2421-083-1743-T.	Wrightsville, Johnson County.	391-3-1-.02(2)(A).	do	do	Dec. 31, 1974.
Young Harris College, 4-90 horsepower coal fired boilers, Permit no. 8221-139-1481-T.	Young Harris, Towns County.	391-3-1-.02(2)(D).	do	do	June 1, 1975.
Wilson & Sons, ready mix concrete facility, Permit no. 3273-033-1521-T.	Marietta, Cobb County.	391-3-1-.02(2)(N).	do	do	Apr. 30, 1975.
Longleaf Industries Inc., conical burner only, Permit no. 2421-128-1692-T.	Lumpkin, Stewart County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Macon Prestressed Concrete Co., prestressed concrete facility, Permit no. 3272-011-1710-T.	Macon, Bibb County.	391-3-1-.02(2)(N).	do	do	May 30, 1975.
Mathis-Akins Concrete Block Co., concrete products facility, Permit no. 3272-011-1713-T.	do	391-3-1-.02(2)(N).	do	do	Do.
Mathis-Akins Concrete Block Co., ready mix concrete facilities, Permit no. 3273-076-1712-T.	Warner Robins, Houston County.	391-3-1-.02(2)(N).	do	do	Do.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Mayo Products Co., anhydrous sodium metasilicate products, Permit no. 2819-033-1699-T.	Smyrna, Cobb County.	391-3-1-.02(2)(E). 391-3-1-.02(2)(N).	......do..........	......do..........	July 22, 1975.
Meredith Pole and Timber Co., Inc., open burning of wastes, Permit no. 2411-009-1741-T.	Fitzgerald, Ben Hill County.	391-3-1-.02(2)(A).	......do..........	......do..........	Dec. 31, 1974.
N V F Co.—Hartwell Division, homade burner, Permit no. 3441-073-1778-T.	Hartwell, Hart County.	391-3-1-.02(2)(L).	......do..........	......do..........	Do.
New Riverside Ochre Co., barite and ochre processing facility, Permit no. 2816-008-1705-T.	Cartersville, Bartow County.	391-3-1-.02(2)(N).	......do..........	......do..........	Feb. 28, 1975.
Norman Park Gin Warehouse, cotton gin, Permit no. 0724-035-1573-T.	Norman Park, Colquitt County.	391-3-1-.02(2)(Q).	......do..........	......do..........	Aug. 15, 1974.
Oil-Dri Corp. of Georgia, fullers earth processing facilities, Permit no. 3295-136-1354-T.	Ochlocknee, Thomas County.	391-3-1-.02(2)(P). 391-3-1-.02(2)(N).	......do..........	......do..........	Aug. 1, 1974.
Omega Farm Supply Inc., cotton gin, Permit no. 0724-137-1645-T.	Omega, Tift County.	391-3-1-.02(2)(Q).	......do..........	......do..........	Sept. 1, 1974.
Putnam Lumber Co., conical burner, Permit no. 2421-117-1608-T.	Eatonton, Putnam County.	391-3-1-.02(2)(L).	......do..........	......do..........	Dec. 31, 1974.
Rockmart Gin Co., cotton gin, Permit no. 0724-115-1605-T.	Rockmart, Polk County.	391-3-1-.02(2)(Q).	......do..........	......do..........	Aug. 15, 1974.
Royster Co., superphosphate and granular fertilizer manufacturing plant, Permit no. 2371-029-1343-T.	Athens, Clarke County.	391-3-1-.02(2)(N).	......do..........	......do..........	Dec. 31, 1974.
Royster Co., granular fertilizer manufacturing plant, Permit no. 2871-011-1342-T.	Macon, Bibb County.	391-3-1-.02(2)(N).	......do..........	......do..........	Do.
Sardis Lumber Co., open burning of wastes, Permit no. 2421-017-1739-T.	Sardis, Burke County.	391-3-1-.02(2)(A).	......do..........	......do..........	Do.
R. D. Sharpe Lumber Co., open burning of wastes, Permit no. 2421-082-1738-T.	Millen, Jenkins County.	391-3-1-.02(2)(A).	......do..........	......do..........	Do.
Shirley Feed & Seed Service, feed mill, Permit no. 2048-078-1568-T.	Commerce, Jackson County.	391-3-1-.02(2)(N).	......do..........	......do..........	Jan. 31, 1975.
Southeast Schokbston Inc., concrete products facility, Permit no. 3272-059-1532-T.	Lavonia, Franklin County.	391-3-1-.02(2)(N).	......do..........	......do..........	Sept. 1, 1974.
Southern Crate and Veneer Co., conical burner only, Permit no. 2449-011-1703-T.	Macon, Bibb County.	391-3-1-.02(2)(L).	......do..........	......do..........	Dec. 31, 1974.
Southern Talc Co., talc, barite and aluminum hydrate processing facility, Permit no. 3295-105-1644-T.	Chatsworth, Murray County.	391-3-1-.02(2)(N).	......do..........	......do..........	Aug. 15, 1974.
Southwire Co., nickel sulfate plant, Permit no. 3357-022-1639-T.	Carrollton, Carroll County.	391-3-1-.02(2)(A).	......do..........	......do..........	Oct. 15, 1974.
Southern Wood Piedmont Co., conical burner only, Permit no. 2491-121-1715-T.	Augusta, Richmond County.	391-3-1-.02(2)(L).	......do..........	......do..........	Dec. 31, 1974.
Stowe-Woodward Co., open burning of solvents, Permit no. 3552-126-1620-T.	Griffin, Spalding County.	391-3-1-.02(2)(A).	......do..........	......do..........	Sept. 1, 1974.
Sullivan Lumber Co., conical burner only, Permit no. 2421-152-1685-T.	Preston, Webster County.	391-3-1-.02(2)(L).	......do..........	......do..........	Dec. 31, 1974.
Taylor Gin and Warehouse, cotton gin, Permit no. 0724-035-1543-T.	Doerun, Colquitt County.	391-3-1-.02(2)(Q).	......do..........	......do..........	Aug. 15, 1974.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Continental Can Co., Inc., conical burner, Permit no. 2421-557-1781-T.	Washington, Wilks County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Great Southern Paper Co., No. 2 lime kiln, Permit no. 2631-049-2218-T.	Cedar Springs, Early County.	391-3-1-.02(2)(E).	do	do	Nov. 1, 1974.
Greater Southern Paper Co., No. 1 dissolving tank with gas reinjection, No. 2 dissolving tank with mesh pad, Permit no. 2631-049-2216-T.	do	393-3-1-.02(2)(E).	do	do	Jan. 1, 1975.
Greater Southern Paper Co., Nos. 1 and 2 recovery boiler and electrostatic precipitator, Permit no. 2631-049-2215-T.	do	391-3-1-.02(2)(E).	do	do	Oct. 31, 1974.
Owens Illinois, Inc., Riley boiler, Permit no. 2631-092-1861-T.	Valdosta, Lowndes County.	391-3-1-.02(2)(D).	do	do	Jan. 1, 1975.
Owens Illinois, Inc., No. 1 C.E. boiler, No. 2 C.E. boiler, Permit no. 2631-092-1860-T.	do	391-3-1-.02(2)(D).	do	do	Do.
Owens Illinois, Inc., Nos. 1, 2, and 3 lime kiln, Permit no. 2631-092-1859-T.	do	391-3-1-.02(2)(E).	do	do	Nov. 30, 1974.
Owens Illinois, Inc., No. 3 dissolving tank, Permit no. 2631-092-1858-T.	do	391-3-1-.02(2)(E).	do	do	Do.
Owens Illinois, Inc., No. 3 recovery, Permit no. 2631-092-1856-T.	do	391-3-1-.02(2)(E).	do	do	Dec. 1, 1974.
Owens Illinois, Inc., facility for the surface treatment of glass products with $SnCl_4$, Permit no. 3221-060-1769-T.	Hapeville, Fulton County.	391-3-1-.02(2)(E).	do	do	Do.
Owens Illinois, Inc., glass furnace E, Permit no. 3221-060-1768-T.	do	391-3-1-.02(2)(E).	do	do	Oct. 1, 1974.
Engelhard Minerals & Chemicals Corp., sulphuric acid byproducts plant, Permit no. 2819-043-2039-T.	Attapulgus, Decatur County.	391-3-1-.02(2)(P), 391-3-1-.02(2)(N).	do	do	May 1, 1975.
Engelhard Minerals & Chemicals Corp., fuller earth processing facilities, Permit no. 3295-043-1723-T.	do	391-3-1-.02(2)(P), 391-3-1-.02(2)(N).	do	do	July 31, 1975.
Southern States Phosphate & Fertilizer, 2 contact sulfuric acid plants, Permit no. 2819-025-1446-T.	Savannah, Chatham County.	391-3-1-.02(2)(J).	do	do	Dec. 31, 1974.
Southern States Phosphate & Fertilizer, granular fertilizer manufacturing plant, normal superphosphate manufacturing plant, Permit no. 2871-025-1445-T.	do	391-3-1-.02(2)(R).	do	do	Do.
Cities Service Co., sulfuric acid plant, aluminum manufacturing plant, Permit no. 2819-121-1443-T.	Augusta, Richmond County.	391-3-1-.02(2)(J).	do	do	Do.
Anderson Construction Co., ready mix concrete facility, Permit no. 3273-030-1504-T.	Fort Gaines, Clay County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.
Augusta Foundry Inc., induction furnace, Permit no. 3321-121-1550-T.	Augusta, Richmond County.	391-3-1-.02(2)(O).	do	do	Apr. 30, 1975.
Baxley Ready Mix, ready mix concrete facility, Permit no. 3273-100-1529-T.	Baxley, Appling County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Brunswick Pulp and Paper Co., power boilers No. 1, 2, 3, and 4, Permit no. 2631-063-1882-T.	Brunswick, Glynn County.	391-3-1-.02(2)(D).	do	do	Apr. 1, 1975.
Brunswick Pulp and Paper Co., No. 4 lime kiln, Permit no. 2631-063-1880-T.	do	391-3-1-.02(2)(E).	do	do	Jan. 1, 1975.
Cedartown Block and Concrete Co., ready mix concrete facility, Permit no. 3273-115-1971-T.	Cedartown, Glynn County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.
Concrete Industries Inc ready mix concrete, Permit no. 3273-137-1953 T.	Tifton, Tift County.	391-3-1-.02(2)(N).	do	do	Do.
Concrete Industries, Inc., ready mix concrete facility, Permit no. 3273-136-1519-T.	Thomasville, Thomas County.	391-3-1-.02(2)(N).	do	do	Do.
Cope Rendering Co., Inc., rendering plant with the exception of fuel burning equipment covered under separate permits, Permit no. 2077-035-1874-T.	1 Moultrie, Colquitt County.	391-3-1-.02(2)(A).	do	do	Nov. 30, 1974.
Costal Timberlands Inc., conical burner, Permit no. 2421-084-1598-T.	Gray, Jones County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Creasy Brothers, Paving Contractors, hot mix asphalt plant, Permit no. 2951-016-1798-T.	Statesboro, Bulloch, County.	391-3-1-.02(2)(K).	do	do	Oct. 1, 1974.
Cyprus Industrial Minerals Co., Nos. 96 and 97 kaolin clay processing facilities, Permit no. 3295-143-2029-T.	Jeffersonville, Twiggs County.	391-3-1-.02(2)(P), 391-3-1-.02(2)(N).	do	do	Jan. 1, 1975.
Cyprus Industrial Minerals Co., kaolin clay No. 53 processing facilities, Permit no. 3295-150-2031-T.	Sandersville, Washington County.	391-3-1-.02(2)(P), 391-3-1-.02(2)(N).	do	do	Dec. 15, 1974.
Dekalb General Hospital, Morse Boulger heavy duty destructor, Permit no. 8062-044-2036-T.	Decatur, Dekalb County.	391-3-1-.02(2)(C).	do	do	May 1, 1975.
Design Concrete, Inc., ready mix concrete facility, Permit no. 3273-057-1694-T.	Rome, Floyd County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.
Engelhard Minerals & Chemicals Inc., catalyst processing facilities, Permit no. 2819-043-1991-T.	Attapulgus, Decatur County.	391-3-1-.02(2)(P).	do	do	July 31, 1975.
Engelhard Minerals and Chemicals Corp., kaolin clay processing facilities, Permit no. 3295-150-1981-T.	Oconee, Washington County.	391-3-1-.02(2)(P) (N).	do	do	Do.
Evans Concrete Products Co., Inc., ready mix concrete facility, Permit no. 3273-054-1528-T.	Claxton, Evans County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.
Georgia Dimension Co., conical burner only, Permit no. 2426-053-1695-T.	Adrian, Johnson County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Georgia Kraft Co., recovery No. 1 and 2 with electrostatic precipitator, Permit no. 2631-011-1819-T.	Macon, Bibb County.	391-3-1-.02(2)(E).	do	do	Feb. 28, 1975.
Georgia Kraft Co., No. 4 smelt tank with demister pads, Permit no. 2631-057-1809-T.	Rome, Floyd County.	391-3-1-.02(2)(E).	do	do	May 1, 1975.
Georgia Kraft Co., No. 2 smelt tank with demister pads, Permit no. 2631-057-1807-T.	do	391-3-1-.02(2)(E).	do	do	Do.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Georgia Kraft Co., No. 1 smelt tank with demister pads, Permit no. 2631-057-1806-T.	do	391-3-1-.02(2)(E).	do	do	Do.
Gold Kist Fertilizer, Clya, superphosphate and granular fertilizer manufacturing plant, Permit no. 2871-051-1845-T.	Clyo, Effingham County.	391-3-1-.02(2)(F).	do	do	Dec. 31, 1974.
Golden's Foundry & Machine Co., foundry, Permit no. 3321-106-1799-T.	Columbus, Muscogee County.	391-3-1-.02(2)(O).	do	do	Jan. 1, 1975.
Haralson Gin Co., cotton gin, Permit no. 0724-071-2041-T.	Haralson, Coweta County.	391-3-1-.02(2)(Q).	do	do	July 1, 1975.
ITT Rayonier Inc., no. 1, 2, 3 recovery, Permit no. 2631-151-1865-T.	Jesup, Wayne County.	391-3-1-.02(2)(E).	do	do	Jan. 1, 1975.
Jack Davis Concrete Inc., concrete products facility, Permit no. 3271-141-1872-T.	LaGrange, Troupe County.	391-3-1-.02(2)(N).	do	do	Sept. 30, 1974.
Ledbetter Bros., Inc., hot mix asphalt plant, Permit no. 2951-008-1976-T.	White, Bartow County.	391-3-1-.02(2)(K).	do	do	July 1, 1975.
Ledbetter Bros. Inc., hot mix asphalt plant, Permit no. 2951-057-1966-T.	Rome, Floyd County.	391-3-1-.02(2)(K).	do	do	Oct. 1, 1974.
Lewis Gin and Warehouse, cotton gin, Permit no. 0724-035-1895-T.	Moultrie, Colquitt County.	391-3-1-.02(2)(Q).	do	do	Sept. 30, 1974.
Liberty Concrete Products, ready mix concrete facility, Permit no. 3273-089-1523-T.	Midway, Liberty County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.
Lyons Concrete Products, Inc., ready mix concrete facility, Permit no. 3273-138-1998-T.	Lyons, Toombs County.	391-3-1-.02(2)(N).	do	do	Do.
M. & M. Super Markets, Inc., fire engineers model 1 660D-1 incinerator, Permit no. 5411-025-2012-T.	Savannah, Chatham County.	391-3-1-.02(2)(C).	do	do	Feb. 15, 1975.
M. & M. Super Markets, Inc., fire engineers incinerator, Permit no. 5411-025-2013-T.	do	391-3-1-.02(2)(C).	do	do	Do.
Masonry Products, Inc., concrete block facility, Permit no. 3271-022-1696-T.	Carrollton, Carroll County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.
McCleskey Mills, Inc., cotton gin, Permit no. 0724-129-1965-T.	Americus, Sumter County.	391-3-1-.02(2)(Q).	do	do	Jan. 5, 1975.
Mullite Co. of America, kaolin clay processing facility No. 1, Permit no. 3295-129-2027-T.	Andersonville, Sumter County.	391-3-1-.02(2)(N).	do	do	Jan. 1, 1975.
Mullite Co. of America, kaolin clay processing facility No. 2, Permit no. 3295-129-2028-T.	do	391-3-1-.02(2)(N).	do	do	Feb. 1, 1975.
Muscogee Lumber Co., conical burner, Permit no. 2421-106-1896-T.	Columbus, Muscogee County.	391-3-1-.02(2)(L).	do	do	Sept. 16, 1974.
Norman W. Paschall Co., picking and blending operation, Permit no. 2294-056-1678-T.	Peachtree City, Fayette County.	391-3-1-.02(2)(N).	do	do	Jan. 31, 1975.
Phillips Concrete Block Co., Inc., concrete block facility, Permit no. 3271-056-1945-T.	Fayetteville, Fayette County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.
Phillips Concrete Block Co., Inc., ready mix concrete facility, Permit no. 3273-056-1944-T.	do	391-3-1-.02(2)(N)	do	do	Do.
Rosebud Manufacturing Co., waste disposal incinerator, Permit no. 2341-138-1904-T.	Vidalia, Toombs County.	391-3-1-.02(2)(C).	do	do	Do.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Smith-Sheppard Concrete Co., Inc., ready mix concrete facility, Permit no. 3273-150-1999-T.	Sandersville, Washington County.	391-3-1-.02(2)(N).	do	do	Do.
Southern Pipe and Supply Co./Vidalia Concrete Block Co., concrete pipe facility, Permit no. 3272-138-1997.	Vidalia, Toombs County.	391-3-1-.02(2)(N).	do	do	Do.
Southern Pipe and Supply Co./Vidalia Concrete Block Co., ready mix concrete facility, Permit no. 3273-138-1996-T.	do	391-3-1-.02(2)(N).	do	do	Do.
Steed Concrete, Inc., ready mix concrete facility, Permit no. 3273-009-2019-T.	Fitzgerald, Ben Hill County.	391-3-1-.02(2)(N).	do	do	Jan. 31, 1975.
Stephens Gin and Bonded Warehouse, cotton gin, Permit no. 0724-140-2051-T.	Soperton, Treutlen County.	391-3-1-.02(2)(Q).	do	do	Jan. 28, 1975.
Swainsboro Concrete Products Co., Inc., ready mix concrete facility, Permit no. 3273-053-1525-T.	Swainsboro, Emanuel County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.
W. G. Dunn, cotton gin, Permit no. 0724-135-1475-T.	Parrott, Terrell County.	391-3-1-.02(2)(Q).	do	do	Aug. 15, 1974.
Whitley Concrete Co., ready mix concrete facility, Permit no. 3273-044-1966-T.	Decatur, DeKalb County.	391-3-1-.02(2)(N).	do	do	Dec. 15, 1974.
Cyprus Industrial Minerals Co., kaolin clay processing facilities No. 51 and No. 52, Permit no. 3295-150-2030-T.	Sandersville, Washington County.	391-3-1-.02(2)(P), 391-3-1-.02(2)(N).	do	do	Oct. 1, 1974.
Georgia Marble Co., marble, delomite and calcium carbonate processing operation, Permit no. 3281-061-1614-T.	Whitestone, Pickens County.	391-3-1-.02(2)(N).	do	do	July 1, 1975.
Georgia Tennessee Mining Chemical Co., fullers earth clay processing facilities, Permit no. 3295-081-1265-T.	Wrens, Jefferson County.	391-3-1-.02(2)(P), 391-3-1-.02(2)(N).	do	do	Sept. 1, 1974.
M. C. Jones Lumber Co., conical burner only, Permit no. 2421-134-1701-T.	Milan, Telfair County.	391-3-1-.02(2)(L).	do	do	Dec. 31, 1974.
Toccoa Foundry and Machine Co., Inc., electric arc furnace shotblast system with fabric filter, Permit no. 3325-127-1552-T.	Toccoa, Stephens County.	391-3-1-.02(2)(O).	do	do	June 30, 1975.
Andy's Super Market, gas on fuel oil fired boilers.	Calhoun	391-3-1-.02(2)(c).	Dec. 30, 1974	do	June 15, 1975.
Anglo-American Clays Corp.:					
Kaolin clay processing facility	Sandersville	391-3-1-.02(2)(p) (n).	do	do	Do.
Crude clay hopper	do	391-3-1-.02(2)(n).	do	do	Nov. 15, 1974.
Coating clay bogging machine	do	391-3-1-.02(2)(n).	do	do	Mar. 3, 1975.
Railroad track	do	391-3-1-.02(2)(n).	do	do	Oct. 1, 1974.
Filler clay and air float plant	do	391-3-1-.02(2)(p).	do	do	Aug. 15, 1974.
Loading facilities	do	391-3-1-.02(2)(n).	do	do	June 15, 1975.
Atlanta Structural Concrete Co., concrete products facility.	Powder Springs	391-3-1-.02(2)(n).	do	do	July 1, 1975.
Augusta Building Supply, ready mix concrete facility.	Augusta	391-3-1-.02(2)(n).	do	do	Do.
Banks, Jackson, Commerce Hospital, incinerator.	Commerce	391-3-1-.02(2)(c).	do	do	May 15, 1975.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Berlin Gin Co., cotton gin	Berlin	391-3-1-.02(2)(q).	do	do	Mar. 28, 1975.
Brantly Tile & Pallet Co., conical burner.	Swainsboro	391-3-1-.02(2)(l).	do	do	Nov. 15, 1974.
C-E Minerals, kyanite mining and processing.	Lincolnton	391-3-1-.02(2)(e).	do	do	July 31, 1975.
C-E Minerals, kyanite processing.	Washington	391-3-1-.02(2)(e)(n)(a).	do	do	Do.
C. W. Matthews Contracting Co., hot mix asphalt.	Villa Rica	391-3-1-.02(2)(k).	do	do	July 15, 1975.
Camp Concrete Products, Co	Columbus	391-3-1-.02(2)(n).	do	do	July 1, 1975.
Chatsworth Ready Mix Co., ready mix concrete facility.	Chatsworth	391-3-1-.02(2)(n).	do	do	July 31, 1975.
Chattahoochee Brick Co., brick manufacturing.	Atlanta	391-3-1-.02(2)(e).	do	do	Feb. 1, 1975.
Chicopee Manufacturing Co., boiler No. 1 and 2.	Gainesville	391-3-1-.02(2)(d).	do	do	July 31, 1975.
Continental Can Co., Inc., recovery furnace No. 1 and 2.	Augusta	391-3-1-.02(2)(e).	do	do	July 1, 1975.
Crisp County Hospital, Morse Boulger.	Cordele	391-3-1-.02(2)(c).	do	do	Mar. 1, 1975.
Donaldsonville Warehouse & Gin, cotton gin.	Donaldsonville	391-3-1-.02(2)(q).	do	do	Apr. 1, 1975.
E. P. Edgy Planning Mill, conical burner.	Brunswick	391-3-1-.02(2)(l).	do	do	Apr. 31, 1975.
Edwards Lumber Co., conical burner.	Sparta	391-3-1-.02(2)(l).	do	do	Do.
Englehard Minerals & Chemical Corp.:					
Kaolin clay processing	McIntyre	391-3-1-.02(2)(n).	do	do	May 31, 1975.
Bulk loading facilities	do	391-3-1-.02(2)(n).	do	do	Apr. 30, 1975.
Silos (pneumatically fed)	do	391-3-1-.02(2)(n).	do	do	Apr. 1, 1975.
Silos (mechanically fed)	do	391-3-1-.02(2)(n).	do	do	July 31, 1975.
Fairplay Gin, cotton gin	Fairplay	391-3-1-.02(2)(q).	do	do	Sept. 30, 1974.
Farmer's Gin Co., cotton gin	Dawson	391-3-1-.02(2)(q).	do	do	Nov. 1, 1974.
Farmer's Ginnery, cotton gin	Caldwell	391-3-1-.02(2)(q).	do	do	Do.
Federal Pacific Electric Co., incinerator.	Vidalia	391-3-1-.02(2)(c).	do	do	July 1, 1975.
Feldspar Corp., feldspar processing.	Monticello	391-3-1-.02(2)(e).	do	do	May 15, 1975.
Georgia Lightweight Aggregate Co., concrete aggregate.	Rockmart	391-3-1-.02(2)(e).	do	do	June 1, 1975.
Gifford-Hill & Co., Inc., prestressed concrete.	Conley	391-3-1-.02(2)(n).	do	do	July 1, 1975.
Gold Kist Rendering Plant, boilers.	Ball Ground	391-3-1-.02(2)(a).	do	do	Mar. 1, 1975.
Goodyear Tire & Rubber, boilers	Cartersville	391-3-1-.02(2)(d).	do	do	June 31, 1975.
Googe & Bridges Lumber Co., open burning.	Willacoochee	391-3-1-.02(2)(a).	do	do	Dec. 31, 1974.
Griffin Pipe Products Co., sewer pipe manufacturing.	Milledgeville	391-3-1-.02(2)(e).	do	do	July 31, 1975.
Hardy & Co., Inc., slaughter house.	Sylvester	391-3-1-.02(2)(a).	do	do	Dec. 31, 1974.
Howard Concrete Pipe, pipe manufacturing.	Atlanta	391-3-1-.02(2)(n)	do	do	Jan. 31, 1975.
Jerry Rice Sawmill, open burning	Mineral Bluff	391-3-1-.02(2)(a).	do	do	Mar. 16, 1975.
Jordon Carpet Yarns, boiler	Columbus	391-3-1-02(2)(d)	do	do	July 31, 1975.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Kingston Gin Co., cotton gin	Kingston	391-3-1-.02(2)(q).	do	do	Mar. 1, 1975.
Macon Prestressed Concrete Co., prestressed concrete manufacturing.	Jonesboro	391-3-1-.02(2)(n).	do	do	Do.
Marquette Cement, Manufacturing Plant, portland cement facility except for clinker cooler.	Rockmart	391-3-1-.02(2)(e) (n).	do	do	July 31, 1975.
Mayo Chemical Co., production of sodium glucoheptanate.	Smyrna	391-3-1-.02(2)(a).	do	do	July 15, 1975.
Nabisco, Inc., pimiento plants	Woodbury	391-3-1-.02(2)(e).	do	do	Apr. 30, 1975.
Nipro, Inc., ammonium nitrite	Augusta	391-3-1-.02(2)(s).	do	do	July 31, 1975.
North Chemical Co., polymethylacrylate.	Marietta	391-3-1-.02(2)(a).	do	do	June 15, 1975.
Olin Corp., chlor-alkali	Augusta	391-3-1-.02(2)(a).	do	do	Dec. 1, 1974.
Owens-Illinois, Inc., Riley boiler	Valdosta	391-3-1-.02(2)(e).	do	do	July 1, 1975.
Oxford Construction Co., hot mix asphalt.	Albany	391-3-1-.02(2)(k).	do	do	July 31, 1975.
Paga Mining Co., barium sulfate processing.	Cartersville	391-3-1-.02(2)(e).	do	do	Feb. 1, 1975.
Pekor Iron Works, cupola	Columbus	391-3-1-.02(2)(c).	do	do	Mar. 1, 1975.
Planters Warehouse & Loan Co., cotton gin.	Fitzgerald	391-3-1-.02(2)(q).	do	do	Nov. 1, 1974.
Quikrete-Handi-Crete Co., packaged concrete mix.	Lithonia	391-3-1-.02(2)(n).	do	do	Dec. 31, 1974.
RDC, Inc., steam generating plant.	Rossville	391-3-1-.02(2)(d).	do	do	July 1, 1975.
Riegel Textile Corp., boiler units No. 1, 2, 3, and 4.	Trion	391-3-1-.02(2)(d).	do	do	July 31, 1975.
Rushton Cotton Mill, power boiler (coal-fired).	Griffin	391-3-1-.02(2)(d).	do	do	Do.
Shepherd Construction Co., hot mix asphalt.	Near Jesup	391-3-1-.02(2)(k).	do	do	May 30, 1975.
Shepherd Construction Co., asphalt plant.	Hwy 87 North of Macon.	391-3-1-.02(2)(k).	do	do	Apr. 30, 1975.
Shepherd Construction Co., asphalt plant.	Siloam	391-3-1-.02(2)(k).	do	do	July 31, 1975.
Thompson, Weiman & Co.:					
Mineral extenders and fillers processing.	Cartersville	391-3-1-.02(2)(n).	do	do	Do.
Rotary dryer	do	391-3-1-.02(2)(n).	do	do	Do.
Bin vent collectors	do	391-3-1-.02(2)(n).	do	do	Do.
Air classifier and Larite rotary dryer.	do	391-3-1-.02(2)(n).	do	do	July 1, 1975.
Bulk loading	do	391-3-1-.02(2)(n).	do	do	Do.
Calcium carbonate spray dryer	do	391-3-1-.02(2)(e).	do	do	Nov. 1, 1974.
Toney Bros., cotton gin	Doerun	391-3-1-.02(2)(q).	do	do	Mar. 1, 1975.
Universal-Rundel Corp	Monroe	391-3-1-.02(2)(e).	do	do	May 15, 1975.
Vinings Chemical Co., production of dithione, nabam, sodam, and methylene bisthiocyamte.	Marietta	391-3-1-.02(2)(a).	do	do	July 1, 1975.
W. F. Gay & Co., cotton gin	Gay	391-3-1-.02(2)(q).	do	do	Feb. 15, 1975.
Walker Enterprises, Inc., d.b.a. Walker's Ready Mix, concrete facility.	Jesup	391-3-1-.02(2)(n).	do	do	July 1, 1975.

GEORGIA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Walker's Gin, Inc., cotton gin	Camilla	391-3-1-.02(2)(q).	do	do	Mar. 1, 1975.
West Point Foundry & Machine Co., cupola.	West Point	391-3-1-.02(2)(o).	do	do	Jan. 1, 1975.
West Point Pepperell, Inc.:					
No. 2 coal on gas fired boilers	La Grange	391-3-1-.02(2)(d).	do	do	July 31, 1975.
No. 4 boiler	Lindale	391-3-1-.02(2)(d).	do	do	Do.
West Point Pepperell, Inc., 2 B. & W. boilers.	Columbus	391-3-1-.02(2)(d).	do	do	Do.
West Point Pepperell, Inc., No. 1 and 2 boilers.	Newnan	391-3-1-.02(2)(d).	do	do	Do.
Woolfolk Chemical Works:					
Production of arsenic acid	Fort Valley	391-3-1-.02(2)(a).	do	do	July 15, 1975.
Production of lime sulfur	do	391-3-1-.02(2)(a).	do	do	Do.
Production of basic zinc sulfate.	do	391-3-1-.02(2)(a).	do	do	Do.
Production of granular pesticides.	do	391-3-1-.02(2)(a).	do	do	Do.

[40 FR 3413, Jan. 22, 1975, as amended at 40 FR 18432, Apr. 28, 1975; 40 FR 42352, Sept. 12, 1975]

§ 52.577 Extensions.

(a) The Administrator hereby extends for 18 months (until July 1, 1980) the statutory timetable for submission of Georgia's plans for attainment and maintenance of the secondary standards for particulate matter in the Atlanta and Savannah areas (40 CFR 81.311).

(b) The Administrator hereby extends until December 31, 1987, the attainment date for the 8-hour national ambient air quality standard for carbon monoxide in the Atlanta area (40 CFR 81.311).

[45 FR 5701, Jan. 24, 1980]

§ 52.578 [Reserved]

§ 52.579 Economic feasibility considerations.

Section 88-906(h), (i), (k), (o) and (q) of the Georgia Code is disapproved, since consideration of economic feasibility could, in some cases, conflict, with the requirements of the Act that primary standards be attained as expeditiously as practicable, but in no case later than July 1975.

[39 FR 34536, Sept. 26, 1974]

§ 52.580 Maintenance of national standards.

(a) The areas listed below are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Albany Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Dougherty County.

(2) Atlanta Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Clayton County, Cobb County, DeKalb County, Fulton County, Gwinnett County.

(3) Chattanooga Interstate Air Quality Maintenance Area (Georgia Portion).

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Catoosa County, Walker County.

(4) Savannah Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Chatham County.

[40 FR 41949, Sept. 9, 1975]

§ 52.581 Significant deterioration of air quality.

(a)-(b) [Reserved]

(c) All applications and other information required pursuant to § 52.21 of this part from sources located in the State of Georgia shall be submitted to the Environmental Protection Division, Georgia Department of Natural Resources, 270 Washington Street, S.W., Atlanta, Georgia 30334, instead of the EPA Region IV office.

(Secs. 110 and 161, Clean Air Act (42 U.S.C. 7410 and 7471))

[41 FR 24885, June 21, 1976, as amended at 47 FR 6018, Feb. 10, 1982]

§ 52.582 [Reserved]

§ 52.583 Additional rules and regulations.

Section 391-3-1-.02(2)(e), Particulate Emissions from Manufacturing Processes, is hereby approved only to the extent that it provides for the establishment, as permit conditions, of emission limits more stringent than those otherwise applicable under the currently approved Georgia regulations. Any application of this regulation which would result in permit provisions less stringent than those otherwise required by the State's regulations must be formally submitted to EPA for prior approval as a plan revision pursuant to section 110(a) of the Clean Air Act.

[41 FR 35185, Aug. 20, 1976]

Subpart M—Hawaii

§ 52.620 Identification of plan.

(a) Title of plan: "State of Hawaii Air Pollution Control Implementation Plan".

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Certification that the plan was adopted submitted on April 4, 1972, by the Department of Health.

(2) Telegram and letters (Non-regulatory) clarifying the plan submitted on May 8, 1972, by the Governor.

(3) Telegram (Non-regulatory) clarifying the particulate matter control strategy submitted on May 22, 1972, by the Governor.

(4) Letter (Non-regulatory) clarifying disapproval of the plan submitted on June 15, 1972, by the Governor.

(5) Revised regulations (in their entirety) for the State of Hawaii submitted on November 21, 1972, by the Governor.

(6) Regulations establishing a permit system for agricultural burning submitted on May 15, 1973, by the Governor.

(7) Compliance schedule submitted on July 27, 1973, by the Governor.

(8) 18-month extension plan for particulate matter submitted on August 15, 1973, by the Governor.

(9) Date for attainment of the national ambient air quality standards for particulate matter submitted on April 25, 1974, by the Governor.

(10) A variance to the Hawaii Public Health Regulations, Chapter 43, Section 7(b)(5) submitted on September 12, 1978 by the Governor.

(11) A variance to the Hawaii Public Health Regulations, Chapter 43, Section 7(b)(5) submitted on February 22, 1979 by the Governor.

(12) The following amendments to the plan were submitted on August 21, 1980, by the Governor.

(i) XII. Air Quality Surveillance Network.

(13) A variance to the Hawaii Public Health Regulations, Chapter 43, section 8 (b)(1) submitted on November 25, 1980 by the Governor.

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410, 7601(a)))

[37 FR 10861, May 31, 1972, as amended at 41 FR 8959, Mar. 2, 1976; 44 FR 23828, Apr. 23, 1979; 44 FR 46274, Aug. 7, 1979; 46 FR 40513, Aug. 10, 1981; 47 FR 3111, Jan. 22, 1982]

§ 52.621 Classification of regions.

The Hawaii plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
State of Hawaii	II	III	III	III	III

[37 FR 10860, May 31, 1972]

§ 52.622 Extensions.

(a) The Administrator hereby extends for 18 months the statutory timetable for submittal of the plan for attainment and maintenance of the secondary standards for particulate matter in the State of Hawaii region.

[37 FR 10860, May 31, 1972]

§ 52.623 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Hawaii's plan for attainment and maintenance of the national standards. The State included various provisions in its plan to provide for the attainment of State ambient air quality standards. As described in the Governor's letters of January 28, May 8, and May 22, 1972, these provisions were included for information purposes only and were not to be considered a part of the plan to implement national standards. Accordingly, these additional provisions are not considered a part of the applicable plan.

[37 FR 10861, May 31, 1972, as amended at 38 FR 12712, May 14, 1973; 39 FR 7280, Feb. 25, 1974]

§ 52.624 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the legal authority to provide for public availability of emission data is inadequate.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting peri-

ods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[39 FR 34536, Sept. 26, 1974, as amended at 40 FR 55329, Nov. 28, 1975]

§ 52.625 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met, since sections 322-64(5) and 322-66 of the Hawaii Revised Statutes could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, sections 322-64(5) and 322-66 are disapproved.

[39 FR 34536, Sept. 26, 1974]

§ 52.626 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State. Some schedules require compliance by specifying the installation of specific control devices or by the construction of new equipment and the shutdown of existing equipment. Approval of these schedules is solely on the basis that compliance is required by the specified "Final Compliance Date", regardless of the method of control specified by the schedule.

Source	Location	Regulation sections involved	Date of adoption	Effective date	Final compliance date
Grove Farm Co., Inc	Koloa	12	July 27, 1973	Immediately	June 30, 1975.
City and county of Honolulu	Kewalo	8, 11	do	do	July 31, 1975.
County of Kauai	Lihue	7, 8	do	do	Do.
Do	Hanalei	7, 8	do	do	Do.
Do	Kekaha	7, 8	do	do	Do.
Do	Eleele	7, 8	do	do	Do.
Do	Koloa	7, 8	do	do	Do.
Do	Kapaa	7, 8	do	do	Do.
The Lihue Plantation Co., Ltd	Lihue	8, 12	do	do	Jan. 31, 1975.
Oahu Sugar Co., Ltd	Waipahu	8, 12	do	do	Dec. 31, 1974.
Pioneer Mill Co., Ltd	Lahaina	8, 12	do	do	June 30, 1974.
Hawaiian Bitumuls & Paving Co., Ltd.	Puhi	8, 13	do	do	Do.
Do	Kaena	8, 13	do	do	Dec. 31, 1974.
Hilo Coast Processing Co	Hakalau	8, 12	do	do	June 30, 1974.
Do	Wainaku	8, 12	do	do	Do.
McBryde Sugar Co., Ltd	Eleele	8, 12	do	do	July 31, 1975.
Laupahoehoe Sugar Co	Oakala	8, 12	do	do	July 1, 1974.
Honokaa Sugar Co	Haina	8, 12	do	do	May 31, 1975.
Hawaiian Commercial & Sugar Co.:					
Boilers 11 and 12	Puunene	8, 12	do	do	July 1, 1975.
Boilers 7, 8, 9, 10	do	8, 12	do	do	Do.
Boilers	Paia	8, 12	do	do	Do.
Kiln	do	8, 13	do	do	June 15, 1974.
Kaiser Cement & Gypsum Corp	Nanakuli	13	do	do	Mar. 31, 1975.
Nanakuli Paving & Rock Co., Ltd	Halawa	8, 13	do	do	Mar. 1, 1975.
Jas. W. Glover, Ltd	Hilo	13	do	do	Apr. 1, 1975.
City and County of Honolulu	Waipahu	8, 11	do	do	July 31, 1975.
Do	Kapaiama	8, 11	do	do	Do.
Hawaiian Cement Corp	Ewa Beach	8, 13	do	do	Feb. 28, 1975.

(b) The compliance schedules for the sources identified below are disapproved as not meeting the requirements of § 51.15 of this chapter. The regulations cited are air pollution control regulations of the State.

Source	Location	Regulation sections involved	Date of adoption
Nanakuli Paving & Rock Co., Ltd.	Molokai	8, 13	July 27, 1973.
Kohala Corp	Halaula	8, 12	Do.

[39 FR 16348, May 8, 1974]

§ 52.627 [Reserved]

§ 52.628 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Hawaii's plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Photochemical oxidants
	Primary	Secondary	Primary	Secondary			
State of Hawaii	*a*	a	c	c	c	c	c

NOTE: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

a. July 1975.

c. Air quality levels presently below secondary standards.

[37 FR 10861, May 31, 1972, as amended at 37 FR 19808, Sept. 22, 1972; 38 FR 12702, May 14, 1973; 39 FR 22947, June 25, 1974]

§ 52.629 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met since the State of Hawaii failed to submit a plan for review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Hawaii.

[39 FR 7280, Feb. 25, 1974]

§ 52.630 [Reserved]

§ 52.631 Maintenance of national standards.

(a) The requirements of § 51.12(e) of this chapter are not met because the State neither identified areas of the State that have the potential for violation of the national air quality standards within 10 years nor provided a justification that there are no such areas in the State.

(b) Pursuant to the requirements of § 51.12 (e) and (f) of this chapter, the Administrator has determined that there are no areas in the State having the potential for violation of the national ambient air quality standards within 10 years.

[40 FR 18734, Apr. 29, 1975]

§ 52.632 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Hawaii.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart N—Idaho

§ 52.670 Identification of plan.

(a) Title of plan: "Idaho Air Quality Implementation Plan."

(b) The plan was officially submitted on January 31, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Miscellaneous additions (compliance schedules and non-regulatory provisions) to the plan submitted on February 23, 1972, by the Idaho Air Pollution Control Commission.

(2) Request for delegation of legal authority submitted on March 2, 1972, by the Governor.

(3) Compliance schedules submitted on April 12, 1972, by the Governor.

(4) Request for an 18-month extension for particulate matter in all AQCR's submitted on May 5, 1972, by the Governor.

(5) Miscellaneous additions (Non-regulatory) to the plan submitted on May 26, 1972, by the Idaho Air Pollution Control Commission.

(6) Appendices D and E of the plan submitted on June 9, 1972, by the Governor.

(7) Revisions to the Rules and Regulations for the Control of Air Pollution in Idaho submitted on February 15, 1973, by the Governor.

(8) Compliance schedules submitted on July 23, 1973, by the Governor.

(9) Amendment to Chapter IX of the plan to provide for review of indirect sources and a new Chapter XIV which sets forth the control strategy for attaining secondary particulate matter standards on October 16, 1973, by the Governor.

(10) Revisions to 1972 Session Laws, Chapter 347; 1973 Session Laws, Chapter 87, 136, 137, 138, 139, and 143; Chapters 18 and 52, Idaho Code; and the accompanying Attorney General's opinion submitted August 15, 1973, by the Governor.

(11) A new section 4 of Regulation A (General Provisions) and revised Regulation T (Air Pollution Sources Permits) of the Rules and Regulations for the Control of Air Pollution in Idaho (Chapter VII of the plan), an addition to Chapter XI of the plan to include administrative procedures for indirect source review, and compliance schedules submitted on July 1, 1974, by the Governor.

(12) Air quality maintenance area designation submitted on June 11, 1974, by the Idaho Department of Environmental and Community Services.

(13) An amendment to Regulation C (Ambient Air Quality Standards) and Regulation S (Control of Sulfur Oxide Emissions from Combined Lead/Zinc Smelters) of the Rules and Regulations for the Control of Air Pollution in Idaho and revisions to Chapter IV and Appendix F of the Implementation Plan submitted on January 10, 1975, by the Governor.

(14) Revised sections 2 and 6 of Regulation A (General Provisions) of the Rules and Regulations for the Control of Air Pollution in Idaho submitted on January 24, 1975, by the Governor.

(15) Consent Order for Beker Industries submitted on July 28, 1975 by the Governor.

(16) On January 15, 1980 the Governor submitted the transportation portion of the Boise-Ada County carbon monoxide plan.

(17) On July 1, 1980 the Governor submitted a SIP revision containing a variance from the indirect source regulation for an urban renewal project located in downtown Boise, as well as an adjustment to the TCP which had been submitted to EPA in January 1980.

(18) On February 14, 1980 the State of Idaho Department of Health and Welfare submitted a plan revision to meet the requirements of Air Quality Monitoring 40 CFR Part 58, Subpart C, § 58.20.

(Secs. 110 (a) and 172 of the Clean Air Act (42 U.S.C. 7410(a) and 7502))

[37 FR 10861, May 31, 1972, as amended at 41 FR 8959, Mar. 2, 1976; 41 FR 23202, June 9, 1976; 45 FR 70261, Oct. 23, 1980; 46 FR 15136, Mar. 4, 1981]

§ 52.671 Classification of regions.

The Idaho plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Eastern Idaho Intrastate	I	IA	III	III	III
Eastern Washington-Northern Idaho Interstate	I	IA	III	I	III
Idaho Intrastate	I	III	III	III	III
Metropolitan Boise Intrastate	II	III	III	I	III

(Secs. 110 (a) and 172 of the Clean Air Act (42 U.S.C. 7410 (a) and 7502))

[37 FR 10861, May 31, 1972, as amended at 45 FR 70261, Oct. 23, 1980]

§ 52.672 Extensions.

(a) The Administrator hereby extends for 18 months the statutory timetable for submission of Idaho's plan for the attainment and maintenance of the secondary standards for sulfur oxides in the Idaho portion of the Eastern Washington-Northern Idaho Interstate Region and of the secondary standards for particulate matter in all regions in Idaho.

(b) The Administrator hereby extends for 2 years the attainment date for the primary standards for sulfur oxides in the Idaho portion of the Eastern Washington-Northern Idaho Interstate Region.

(c) The Administrator hereby extends to July 31, 1976, the attainment date for the primary and secondary standards for sulfur oxides in the Eastern Idaho Intrastate Air Quality Control Region.

(d) The Administrator hereby extends to July 1, 1980, the statutory timetable for submission of Idaho's plan for the attainment and maintenance of the secondary standards for total suspended particulate in all nonattainment areas in Idaho.

(e) The Administrator hereby extends the attainment date for carbon monoxide in the Boise-Ada County nonattainment area to December 31, 1987.

(Secs. 110 (a) and 172 of the Clean Air Act (42 U.S.C. 7410 (a) and 7502))

[37 FR 10861, May 31, 1972, as amended at 37 FR 15082, July 27, 1972; 41 FR 23202, June 9, 1976; 44 FR 44498, July 30, 1979; 44 FR 53161, Sept. 13, 1979; 45 FR 70261, Oct. 23, 1980; 45 FR 81041, Dec. 9, 1980]

§ 52.673 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Idaho's plan for the attainment and maintenance of the national standards.

§ 52.674 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met since the authority to release emission data to the public could be precluded in certain circumstances by section 39-111 of the Idaho Code annotated.

(b) Delegation of Authority: Pursuant to section 114 of the Act, Idaho requested a delegation of authority to enable it to collect, correlate, and release emission data to the public. The Administrator has determined that Idaho is qualified to receive a delegation of the authority it requested. Accordingly, the Administrator delegates to Idaho his authority under section 114(a) (1) and (2) and section 114(c) of the Act, i.e., authority to collect, correlate, and release emission data to the public.

[37 FR 10861, May 31, 1972, as amended at 39 FR 41253, Nov. 11, 1974]

§ 52.675 Control strategy: Sulfur oxides—Eastern Idaho Intrastate Air Quality Control Region.

(a) Regulation R of the Rules and Regulations for the Control of Air Pollution in Idaho, which is part of the sulfur dioxide (SO_2) control strategy, is disapproved since it is inconsistent with the purposes and provisions of § 51.13. These requirements are not met by Regulation R in that the SO_2 control strategy contained therein is not adequate for the attainment and maintenance of SO_2 national ambient air quality standards (NAAQS).

(b) *Regulation for control of sulfur dioxide (SO_2) emissions: Sulfuric Acid*

Plants. (1) The provisions of this paragraph shall apply to the owner(s) and operator(s) of The J. R. Simplot Company's Minerals and Chemical Division, located in Power County, Idaho, in the Eastern Idaho Intrastate Air Quality Control Region.

(2) The owner(s) and operator(s) of The J. R. Simplot Company facility shall utilize best engineering techniques in the operation of their plant to prevent fugitive SO losses. Such techniques shall include but are not limited to:

(i) Operating and maintaining all conducts, flues, and stacks in a leak-free condition.

(ii) Operating and maintaining all process equipment and gas collection systems in such a fashion that leakage of SO_2 gases will be prevented to the maximum extent possible.

(3) The owner(s) and operator(s) of The J. R. Simplot Company facility shall limit SO_2 emissions from their sulfuric acid plants per the following:

(i) The combined SO_2 emissions from the designated 100 and 200 sulfric acid plants shall not exceed 2 kilograms (kg) per metric ton (4 pounds per ton) of 100 percent sulfuric acid produced.

(ii) The SO_2 emissions from the designated 300 sulfuric acid plant and stack shall not exceed 994 kg per hour (2190 pounds per hour).

(4) (i) The owner(s) and operator(s) of The J. R. Simplot Company shall achieve compliance with the requirements specified in paragraphs (b)(2) and (b)(3) of this section in accordance with the following schedule:

(A) Advise EPA as to status of contract(s) and construction schedules for pollution abatement projects within 30 days of the effective date of this regulation.

(B) Attain final compliance by July 31, 1976.

(ii) A performance test of the 300 acid plant shall be necessary to determine whether compliance has been achieved with the requirements of paragraph (b)(3) of this section. Such test must be completed within 15 days of the final compliance date specified in paragraph (b)(4)(i) of this section. Notice must be given to the Administrator at least 10 days prior to such a test to afford him an opportunity to have an observer present.

(iii) Within 60 days after achieving the maximum production rate at which the 100 and 200 acid plant will be operated, but not later than 180 days after initial start-up of these plants and at such other times as may be required by the Administrator under section 114 of the Clean Air Act, the owner(s) and operator(s) of the facility shall conduct performance test(s) in accordance with the requirements of 40 CFR 60.8.

(iv) If the owner(s) and operator(s) of the J. R. Simplot Company facility are presently in compliance with the requirements of paragraphs (b)(2) and (b)(3) of this section or in compliance with a portion of these requirements, such compliance shall be certified to the Administrator within 15 days following the date of the publication of these requirements as a final regulation in the FEDERAL REGISTER. If the owner(s) or operator(s) of The J. R. Simplot Company achieve compliance prior to July 31, 1976, such compliance shall be certified to the Administrator within 15 days of the date of achieving compliance. The Administrator may request whatever supporting information he considers necessary to determine the validity of the certification.

(5) (i) By no later than September 30, 1976, the owner(s) and operator(s) of The J. R. Simplot Company facility shall install, calibrate, maintain and operate measurement system(s) for:

(A) Continuously monitoring and recording SO_2 concentration rates in each sulfuric acid plant discharge stack per the requirements of 40 CFR 60.13 and 60.84.

(B) Continuously monitoring and recording gas volumetric flow rates in the exhaust stack of the designated 300 sulfuric acid plant.

(ii) By no later than October 30, 1976, and at such other times following that date as the Administrator may specify, the SO_2 concentration measurement system(s) and stack gas volumetric flow rate system(s) installed and used pursuant to this paragraph shall be demonstrated to meet the measurement system performance specifications prescribed in 40 CFR 60.13 and Appendi E to this part, respectively. The Administrator shall be notified at least 10 days prior to the start of this field test period to afford the Administrator the opportunity to have an observer present.

(iii) The sampling point for monitoring the concentration of SO_2 emissions shall be in the duct at the centroid of the cross section of the discharge stack if the cross sectional area is less than 4.65 m^2 (50 ft^2) or at a point no closer to the wall than 0.91 m (3 ft) if the cross sectional area is 4.65 m^2 (50 ft^2) or more. The monitor sample point shall be representative of the average concentration in the duct.

(iv) The measurement system(s) shall be maintained, operated and calibrated in accordance with the methods prescribed by the manufacturers. Records of maintenance and/or calibration shall be kept and submitted to the Administrator upon request. These records shall clearly show instrument readings before and after such calibration and/or maintenance.

(v) The owner(s) and operator(s) of The J. R. Simplot Company facility shall maintain a daily record of three hour average emission rate measurements for each sulfuric acid plant. Three hour average emission rates shall be calculated for each day beginning at midnight. For the 100 and 200 acid plants, the calculations shall be in conformance with 40 CFR 60.84. For the 300 acid plant, average SO_2 emission rates expressed in kg SO_2 per hour shall be calculated. The results of these calculations for each month shall be submitted to the Administrator within 15 days following the end of each month. Such submission shall identify each period of excess emissions that occurred and the nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted. The records of such measurements including strip charts and other appropriate raw data shall be retained for a minimum of two years following the date of such measurements.

(vi) The continuous monitoring and recordkeeping requirements of paragraph (b)(5) of this section shall become applicable September 30, 1976.

(6) (i) Compliance with the requirements set forth in paragraph (b)(3) of this section shall be determined using the emission rates measured by the continuous measurement system(s) installed, calibrated, maintained and operated in accordance with the requirements of paragraph (b)(5) of this section.

(ii) At the Administrator's discretion, compliance may also be determined using the manual source test methods per 40 CFR 60.85 and Appendix A to Part 60 of this title. Emission rates for each stack shall be expressed in units consistent with those in paragraph (b)(3) of this section.

(iii) A violation of the requirements of paragraph (b)(3) of this section shall occur whenever the SO_2 emission rates determined according to paragraph (b)(6)(i) or (b)(6)(ii) of this section exceed the corresponding SO_2 emission rates specified in paragraph (b)(3) of this section.

(7) The owner(s) and operator(s) of The J. R. Simplot Company facility shall by September 30, 1976, install, calibrate, maintain and operate a network for continuously monitoring ground level ambient SO_2 concentrations and wind speed and direction.

(i) The monitoring network shall consist of at least four ambient SO_2 monitoring stations and one meteorological station placed at locations approved by the Administrator.

(ii) The SO_2 monitoring network shall be consistent with automated equivalent methods for measurement of ambient concentrations of SO_2 as defined in Part 53 of this chapter.

(iii) The monitoring network installed and used pursuant to this subparagraph shall be maintained, operated and calibrated in accordance with the methods prescribed by the manufacturers. Records of maintenance and/or calibration shall be kept and submitted to the Administrator upon request. These records shall clearly show instrument readings before and after such calibration and/or maintenance.

(iv) The owner(s) and operator(s) of The J. R. Simplot Company facility shall maintain a daily record of all measurements required by this subparagraph. Strip charts and other raw data from the monitoring network shall be retained for a minimum of two years following the date of such measurement.

(v) The owner(s) and operator(s) of The J. R. Simplot Company shall calculate hourly average ambient SO_2 concentrations, wind speed, and wind direction from each monitoring station and submit such values to the Administrator within 15 days following the end of each month.

(vi) The continuous monitoring and recordkeeping requirements of paragraph (b)(7) of this section shall become applicable September 30, 1976 and shall remain applicable until such time as the Administrator declares that an adequate ambient air data base has been established, which shall be no earlier than at least one calendar year.

(vii) Within 90 days of the Administrator's declaration of an adequate data base, Simplot shall submit to the Administrator a technical analysis of the degree of permanent control required on the 300 acid plant to ensure attainment and maintenance of NAAQS.

(8) Nothing in paragraph (b) of this section shall be construed to relieve the owner(s) and operator(s) of The J. R. Simplot Company to comply with any applicable requirements of Part 60 of this title. In the event of conflicting requirements or interpretations between Part 60 of this title and this paragraph, the more restrictive interpretation or requirement shall apply.

(9) In the event that measurement systems cannot be installed and operational by the date specified in this section, The J. R. Simplot Company shall propose the earliest possible date by which such requirements can be met. Such proposal shall include adequate justification and supporting documentation.

[41 FR 23202, June 9, 1976]

§ 52.676 Control Strategy: Sulfur oxides—Eastern Washington-Northern Idaho Interstate Region.

(a) (1) The requirements of § 51.13 of this chapter are not met to the extent discussed in paragraph (a)(2) of this section in the Idaho portion of the Eastern Washington-Northern Idaho Interstate Region since the plan does not provide for the necessary emission reductions for the attainment and maintenance of the primary and secondary standards for sulfur oxides.

(2) Regulation S of the "Rules and Regulations for the Control of Air Pollution in Idaho" is approved with the exception of Section IV. Section IV of Regulation S of the "Rules and Regulations for the Control of Air Pollution in Idaho" is disapproved and is replaced by paragraph (b) of this section as shown below.

(b) *Interim Regulation for control of sulfur dioxide (SO_2) emissions from the Bunker Hill Company lead and zinc smelter located in Shoshone County in the Idaho portion of the Eastern Washington-Northern Idaho Interstate Region*—(1) *SO_2 Emission Limitations.* Effective on June 11, 1980, the owner(s) or operator(s) of the subject smelter shall comply with the requirements of paragraph (b)(1) in regard to the capture of SO_2. The requirements governing SO_2 gas stream bypass during the annual acid plant maintenance period as provided by paragraphs (b)(5) and (b)(6) of this section shall become effective on June 11, 1979.

(i) The owner(s) or operator(s) of the smelter subject to paragraph (b)(1) of this section shall not cause or allow the discharge of gases in excess of:

(A) 2600 parts per million (by volume) SO_2 averaged over any hourly running 6-hour averaging period, from any sulfuric acid plant as determined by continuous monitoring equipment specified in paragraph (b)(1)(iv) of this section and in accordance with the compliance procedures specified in paragraph (b)(4)(iii) of this section. In determining violations of the 6-hour averaging period, no two violations shall contain any common hourly data points; and

(B) 567,000 kg (625 tons) SO_2 over a daily (midnight to midnight) running 7-day period as determined by continuous monitoring equipment [1] specified in paragraph (b)(1)(iv) of this section and in accordance with the compliance procedures specified in paragraph (b)(4)(iii) of this section. Such limitation is plant wide and shall apply to the sum total of SO_2 emissions from the lead smelter main stack and the zinc plant main stack and shall include all excess emissions as defined in paragraph (b)(2)(i) of this section. Except as provided in paragraph (b)(6)(ii) of this section the emission limitation shall not be exceeded more than once per three (3) month calendar quarter; e.g., January, February and March. Such single excused emission shall be the first exceedence of the 7-day limit in the three (3) month quarterly period. In determining violations of the 7-day limit, no two (2) violations shall contain any common daily (midnight-to-midnight) data points. As provided in Appendix A to this regualtion and upon notification by the Enforcement Division Director of the EPA-Region X the plant wide emission limit shall be decreased to not less than 548,000 kg (604 tons) SO_2.

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[1] The owner(s) or operator(s) shall have the right in any enforcement proceeding to raise the issue of the accuracy of continuous monitoring instruments.

(ii) *Bypass Prohibition.* Except as provided in paragraph (b)(2)(ii) of this section all SO_2 gas streams discharged from any zinc plant roaster and from the strong gas exit point on the input end of the lead smelter sinter machine shall at all times be processed in an SO_2 removal facility. The owner(s) or operator(s) shall not cause or allow these SO_2 gas streams to be discharged to the atmosphere.

(iii) *Circumvention.* Other than for temporary process control or to temporarily prevent significant equipment damage, dilution air or other extraneous gases shall not be allowed to enter or combine with any process gas normally treated by an SO_2 removal facility or with any acid plant tailgas prior to SO_2 concentration or flow measurement where the purpose of such combination would be to:

(A) In other than the lead smelter or zinc plant main stacks decrease the concentration of SO_2 in such streams;

(B) Otherwise adversely affect the operation of any SO_2 removal system, SO_2 concentration measurement device or gas flow measurement device; and

(C) Decrease the concentration of SO_2 in gases exhausted from the sinter machine and zinc roasters which will have the effect of circumventing the requirements of paragraph (b)(2)(ii) of this section. The owner(s) or operator(s) must promptly inform the Administrator of any substantial changes in process gas flow which may affect the performance of any SO_2 removal facility or measurement device, regardless of the purpose for any such change.

(iv) *Continuous Monitoring.* The owner(s) or operator(s) shall install and calibrate, and shall thereafter maintain, operate and periodically test measurement systems for continuously monitoring and recording SO_2 emission concentrations, gas volumetric flow rates and gas flow indication in accordance with paragraph (b)(4)(ii) of this section for the monitoring equipment listed and at the following locations:

(A) Continuously operated SO_2 emission concentration and gas volumetric flow rate monitors and recorders located immediately downstream of each acid plant such that the measurement system measures only the tailgas from one acid plant;

(B) Continuously operated SO_2 concentration and gas volumetric flow rate monitors and recorders located in the zinc plant main stack;

(C) Continuously operated SO_2 concentration and gas volumetric flow rate monitors and recorders located in the lead smelter main stack and the lead smelter acid plant (upstream of the acid plant converter);

(D) Continuously operated gas flow indicating devices which will indicate and record the presence of gas flow in any duct or outlet from the sinter machine where SO_2 gas streams normally treated in an SO_2 removal facility may be bypassed around such facility and be routed to the atmosphere;

(E) Continuously operated gas flow indicating devices which will indicate and record the presence of gas flow in each of the individual five ducts receiving the bypass exhaust gas from zinc roasters #1 through #5. Each device must be located to monitor the bypass from only one roaster;

(F) Continuously operated gas flow indicating devices which will indicate and record the presence of gas flow in any duct or outlet where a single zinc roaster or combination of zinc roasters exhaust gas streams may be bypassed around an acid plant and routed to the atmosphere; and

(G) Based on a finding that the monitoring equipment specified herein is reasonably deemed to be inadequate to provide for effective regulatory compliance the Administrator may require the owner(s) or operator(s) to install and continuously operate gas volumetric flow rate monitor(s) and recorder(s) in any duct or outlet where exhaust gas may be bypassed around the acid plant(s) and routed to the atmosphere. In the event that such a finding is made by the Administrator, the owner(s) or operator(s) agree to install and operate such continuous monitors on or before sixty (60) days after the owner(s) or operator(s) receive such written notification by the Enforcement Division Director of Region X-EPA.

(v) *Continuous Process Monitoring.* The owner(s) or operator(s) shall install and calibrate, and shall thereafter maintain, operate and periodically test measurement systems for continuously monitoring and recording process parameters for the monitoring equipment listed and at the following locations:

(A) Continuous temperature monitors located to measure and record the inlet gas temperature at the first and third catalyst beds of each sulfuric acid plant;

(B) Continuously operated monitors which will detect and record the commencement and cessation of concentrate feed entering each zinc roaster. The recorded data from such monitors shall be printed on the same chart as used to record bypass gas flow in paragraphs (b)(1)(iv) (E) and (F) of this section from each individual zinc roaster; and

(C) Continuously operated monitor which will detect and record the commencement and cessation of concentrate feed entering the sinter machine. The recorded data from such monitor shall be printed on the same chart as used to record bypass gas flow in paragraph (b)(1)(iv)(D) of this section from the sinter machine; and

(vi) *Fugitive SO_2 Emissions.* The owner(s) or operator(s) shall utilize best engineering techniques to capture and vent such fugitive SO_2 gases through stacks serving the facility. Such techniques shall include but not be limited to:

(A) Maintaining and operating all ducts, flues and stacks in a leak-free condition;

(B) Maintaining and operating all process equipment and gas collection systems in such a fashion that outleakage of SO_2 gases will be prevented to the maximum extent possible;

(C) Instituting a program to reduce the fugitive emissions from the zinc roasters by reducing the frequency of positive pressure surges in the zinc roasters. This will be accompanied by component replacement, new fans, better operating practices, or other improvements to the integrity of the gas collection system as necessary to attain the Occupational Safety and Health Administration (OSHA) lead standard. This project will be completed on the dates required by the OSHA regulation to meet the lead workplace concentration standard. The estimated reduction in SO_2 fugitive emissions is approximately 8 tons per week and after treatment in an acid plant is expected to increase the total SO_2 emissions in the zinc smelter main stack by no more than 1 ton per week;

(D) Instituting a program to improve the draft maintained in the sinter machine hooding. This program will include increased maintenance on the strong and weak gas ducts, complete replacement of any mild steel hood material with stainless steel, excluding the last two hood sections which are not subject to high corrosion, and improvements in other system components to achieve 90 percent collection of the existing fugitive emissions estimated to be 4 tons of SO_2 per week. Part of these emissions will be treated in an acid plant so the increase in emissions through the lead smelter tall stack is estimated to be 3 tons of SO_2 per week. Such a program is expected to increase the total SO_2 emissions from the lead smelter main stack by no more than 3 tons per week; and

(E) Installing and operating a manual and if necessary automatically controlled tuyere air flow control system on both blast furnaces on or before June 11, 1980. The system is to be designed to eliminate over 90 percent of the current furnace upset conditions that result in fugitive SO_2 emissions. Such a program is expected to increase the total SO_2 emissions from the lead smelter main stack by no more than 21 tons per week. The program will be designed to reduce the frequency of blast furnace upset conditions to an aggregate total of less than 3.4 hours per week.

(F) Compliance with the fugitive SO_2 emission control program will be judged by Appendix A to this regulation.

(2) *Excess Emissions.* Effective on June 11, 1980, the owner(s) or operator(s) of the subject smelter shall comply with the requirements of paragraph (b)(2) of this section in regard to acid plant bypass, excess emissions and equipment malfunction. The requirements governing excess emissions during the annual acid plant maintenance period as set forth in paragraphs (b)(5) and (b)(6) of this section shall become effective on June 11, 1979.

(i) *Definition of Excess Emissions.* Any SO_2 emissions exceeding the limitations specified in paragraph (b)(1)(i) of this section above shall constitute an excess emission. SO_2 gas streams discharged to the atmosphere from any zinc plant roaster and from the strong gas exit point on the input end of the lead smelter sinter machine without being processed in an SO_2 removal facility shall also constitute an excess emission.

(ii) *Presumptively Excused Excess Emissions.* Where the owner(s) or operator(s) fully comply with the reporting requirements of paragraph (b)(2)(iv) of this section and further demonstrate that the conditions specified in paragraphs (b)(2)(ii) (A) through (E) of this section have been met, the bypass of SO_2 gas streams around an SO_2 removal facility shall be excused. Any excess emissions, whether or not claimed by the owner(s) or operator(s) to be excused excess emissions, may be deemed by the Administrator to violate this regulation where the owner(s) or operator(s) fail to comply with any requirement of paragraph (b)(2)(ii) of this section or upon a finding by the Administrator that the excess emissions claimed to be excusable by the owner(s) or operator(s) were caused by one or more of the conditions set forth in paragraphs (b)(2)(v) (A) through (C) of this section. Excess emissions resulting from the following conditions are presumptively excused:

(A) *Process Shutdown Following Acid Plant Breakdown.* In the event of a breakdown or malfunction of an acid plant, the owner(s) or operator(s) may bypass the gas stream normally controlled by such acid plant, only for the time period necessary to shut down the process equipment (zinc roaster(s) or sintering machine) whose SO_2 streams would normally be controlled by such acid plant. Shutdown of the process equipment shall be initiated immediately and the time period to accomplish the shutdown and during which bypass is excused shall not exceed the following:

(*1*) 15 minutes for the sinter machine except where complete emptying of the sinter belt is required the time period shall not exceed 60 minutes; and

(*2*) 30 minutes for shutdown of any single zinc roaster or combination of zinc roasters;

(B) *Process Shutdown Following Zinc Roaster Breakdown.* In the event of a breakdown or malfunction of a zinc roaster, the owner(s) or operator(s) may bypass the gas exhausted from that individual roaster around an acid plant and to the atmosphere commencing 5 minutes after concentrate feed ceases to enter such roaster;

(C) *Process Startup Following Zinc Roaster Shutdown.* During the period when a zinc roaster is restarted following its shutdown the owner(s) or operator(s) may bypass the gas exhausted from that individual roaster around the acid plant and to the atmosphere *only* as follows:

(*1*) If either of the zinc plant acid plants is being restarted the owner(s) or operator(s) may bypass, around an acid plant and to the atmosphere, the roaster exhaust gas *only* for the time period necessary for a well designed, operated and maintained acid plant [2] to establish autothermal [3] operation; and

(*2*) If no acid plant is being restarted and if one or more zinc roasters is operating the owner(s) or operator(s) may bypass, around an acid plant and to the atmosphere, the exhaust gas from the individual roaster which is starting-up but *only* for the time period which ends 15 minutes after concentrate feed commences to enter such roaster;

(D) *Process Start-up Following Sinter Machine Shutdown.* In the event that the sinter machine has been shutdown, and upon its restart, the owner(s) or operator(s) may bypass the exhaust gas, around the acid plant and to the atmosphere, *only* as follows:

(*1*) If the sintering machine has been shutdown for greater than 3 hours bypass may occur but may not exceed the time period necessary for a well designed, operated and maintained acid plan to re-establish autothermal operation; and

(*2*) If the sintering machine has been shutdown due to an acid plant component failure and the repair of the acid plant component takes longer than 3 hours bypass during restart of the sinter machine may occur. Such bypass may not exceed the time period necessary for a well designed, operated and maintained acid plant to re-establish autothermal operation;

(E) *Continued Process Operation During Annual Acid Plant Maintenance.* The owner(s) or operator(s) may bypass the process emissions around the acid plant and to the atmosphere during the annual acid plant maintenance period *only* to the extent allowed by paragraphs (b)(5) and (b)(6) of this section;

(iii) *Other Excess Emissions.* The owner(s) or operator(s) may in the required excess emission report of paragraph (b)(2)(iv) of this section claim that excess emissions should be deemed by the Administrator to be excusable. Any excess emission claimed to be excusable under this paragraph (b)(2)(iii) of this section shall be a violation of this regulation unless and until the owner(s) or operator(s) demonstrate to the satisfaction of the Administrator that such excess emission should be excused. For the purpose of illustration, cited below are categories of other excess emissions which may be excused:

(A) Bypass of gas around SO_2 removal facilities where necessary to prevent loss of life, personal injury or severe property damage. (Severe property damage does not include economic losses caused by production losses such as those caused by shutdown of the blast furnace or electrolytic zinc processes due to lack of feed material.); and

(B) Sudden and unavoidable excess acid plant tailgas SO_2 emissions which are beyond the control of the owner(s) or operator(s). However, excess emissions shall not be deemed beyond the control of the owner(s) or operator(s) if caused by one or more of the following:

(*1*) Improperly designed acid plant components;

(*2*) Improperly operated process(es) or acid plant equipment;

(*3*) Inadequate maintenance of acid plant and/or gas cleaning systems; and

(*4*) In general, any fluctuations in volume or SO_2 concentrations of the acid plant feed gas.

(iv) *Excess Emission Report.* For any excess emissions, including those covered in paragraphs (b)(2)(ii) and

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[2] As used in this regulation, in a well designed, operated and maintained acid plant the first catalyst bed must be at or be heated to a minimum temperature of 750° F before the zinc roaster (or sinter machine) the acid plant serves re-starts.

[3] As used in this regualtion the term "autothermal operation" is defined as the point in time when the temperature of gases entering the first catalyst bed in the acid plant converter is at 825° F or when the temperature of gases entering the third catalyst bed is at 750° F whichever comes first. The owner(s) or operator(s) shall insure that at any time an acid plant is started up sufficient gas will be routed to the acid plant as soon as possible to achieve autothermal operation. Further, the fan supplying gas to the lead smelter acid plant (Fan No. 6) shall upon start-up of the sinter machine immediately be brought up to full R.P.M. and operating Logs maintained to document full RPM flow rate.

(b)(2)(iii) of this section the owner(s) or operator(s) shall submit an initial report to the Enforcement Division Director of the EPA—Region X. The report shall be submitted monthly within fifteen (15) days from the last day of the prior month. The owner(s) or operator(s) shall also record and maintain other supplemental information as set forth in paragraph (b)(2)(iv)(B) of this section.

(A) The initial report shall contain the following information:

(*1*) Identify of the gas stream, stack or other point where the excess emissions occurred;

(*2*) General magnitude of the excess emissions;

(*3*) Time and duration of the excess emissions;

(*4*) Nature and cause of such excess emissions; and

(*5*) Identity of the equipment causing the excess emissions;

(B) The supplemental information shall include the following and if requested be provided to the Enforcement Division Director of EPA—Region X within thirty (30) days of request:

(*1*) Specific steps taken by the operator(s) to limit the excess emissions and when those steps were commenced;

(*2*) If the excess emissions were the result of equipment malfunction, the steps taken to remedy the malfunction and to prevent the recurrence of such malfunction;

(*3*) Specific magnitude of the excess emissions including monitoring data and calculations which describe or may be used in determining the magnitude of the excess emissions;

(*4*) Maintenance schedules applicable to the equipment causing the excess emissions;

(*5*) Copies of properly signed contemporaneous operating log sheets; and

(*6*) Other related documentation as may be reasonably required by the Director to assist him in the evaluation of the excess emissions including any information necessary to make the determinations set forth in paragraph (b)(2)(v) of this section.

(C) Failure of the owner(s) or operator(s) to provide the EPA with a full and complete excess emissions report within a timely fashion, shall constitute a violation of this regulation.

(v) *Evaluation of Excess Emission Report.* In evaluating the excess emissions, the Enforcement Division Director shall take into consideration, the following:

(A) Whether the air pollution control systems and process equipment were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with best practice for minimizing emissions;

(B) Whether the amount and duration of the excess emissions were minimized to the maximum extent practicable during periods of such emissions, and process equipment was shut down within the shortest reasonable time after the SO_2 removal facility shut down occurs; and

(C) Whether the excess emissions were part of a recurring pattern indicative of serious deficiencies in, the design, operation or maintenance of, the process(es), the gas cleaning equipment or the SO_2 removal facility, including whether prescribed maintenance schedules were followed.

(vi) Nothing in this subsection shall be construed to limit the authority of the Administrator to take any action under section 303 of the Clean Air Act.

(3) *Supplementary Control System.* Effective on June 11, 1979, the owner(s) or operator(s) of the subject smelter, in addition to meeting the SO_2 capture requirements of paragraph (b)(1) of this section shall employ a supplementary control system (SCS) to the extent necessary to meet National Ambient Air Quality Standards (NAAQS) for SO_2 and such other additional control measures as may be necessary, to assure the attainment and maintenance of NAAQS for SO_2. The requirements applicable to the SCS program and meeting ambient air quality standards are as follows:

(i) *SCS Analysis.* On January 18, 1979, the Administrator provided the owner(s) or operator(s) with a copy of an EPA technical anlysis of the existing SCS program detailing deficiencies in such program;

(ii) *Final SCS Program.* Except during the interim period as provided in paragraph (b)(3)(vii) of this section, the final SCS program shall be conducted in accordance with the provisions of an SCS implementation plan and an SCS operational manual, both of which must be approved by the Administrator. The SCS implementation plan shall describe the administrative requirements, personnel staffing, components and equipment of the SCS system. The SCS manual shall describe the circumstances under which, the extent to which, and the procedures through which emissions shall be curtailed to prevent violations of the NAAQS for SO_2. Process SO_2 emission shall be curtailed in accordance with the SCS operating manual whenever the potential for violating any NAAQS for SO_2 is indicated at any point in a designated liability area (as defined in paragraph (b)(3)(v) of this section) by air quality measurements and air quality predictions;

(iii) *The SCS Implementation Plan.* An approvable SCS implementation plan shall contain (but not be limited to) the following:

(A) A detailed description of the emission monitoring system and the continuous SO_2 monitoring network that will be used in the SCS to detect maximum ground-level SO_2 concentrations in the designated liability area (DLA). Such description must specify the number, type and exact location of each SO_4 monitor and in-stack monitor to be used. An approvable monitoring system/network must include the following:

(*1*) Except as provided in paragraph (b)(3)(viii)(C) of this section, the continuous SO_2 monitoring equipment shall be located at all ambient air[4] points of expected maximum ground-level SO_2 concentrations in the DLA provided that if deemed necessary to guarantee attainment and maintenance of standards, monitors may be located in other locations with the approval of the Administrator. The determination of the locations where maximum concentrations may occur shall take into account all reasonably probable meteorological and process operating conditions, as well as the presence of other sources of SO_2 significantly affecting SO_2 concentrations in the DLA;

(*2*) The number and location of sites shall be based on dispersion modeling, measured ambient air quality data, meteorological data and other meteorological information;

(*3*) The system shall include the use of fixed SO_2 ambient monitors and one mobile monitor to be sited as, from time to time, the EPA—Region X may reasonably direct unless the Administrator determines, on the basis of a demonstration by the owner(s) or operator(s), that the use of fewer monitors would not limit coverage of points of maximum concentration or otherwise reduce the capability of the owner(s) or operator(s) to prevent any violations of the NAAQS in the DLA; and

(*4*) All monitors shall be continuously operated and maintained and shall meet the performance specifications contained in 40 CFR Part 53. The monitors shall be capable of routine real time measurement of maximum expected SO_2 concentrations for the averaging times of SO_2 NAAQS.

(B) A detailed description of the meteorological sensing network. Such description must specify the number, type and exact location of each meteorological instrument to be used. An approvable network must have an assessment capability adequate to identify conditions requiring emission curtailment to prevent possible violations of the NAAQS. The meteorological assessment capability shall provide all forecast and current information necessary for successful use of the system's operational manual;

(C) A program whereby the owner(s) or operator(s) systematically evaluates and improves the ability of the SCS to protect against violations of the NAAQS. Such program must be based upon the information contained in the EPA Guideline Document—OAQPS 1.2-036; and

(D) A clear delineation of authority delegated to an appropriate named company official to require all other smelter personnel to comply with the SCS operator's curtailment decisions. The identity of responsible and knowledgeable on-site company personnel who are the qualified SCS operators and are authorized to initiate and supervise the actions that will be taken to curtail emissions shall be listed; such personnel must, upon request, be able and be authorized by the Company to inform the Administrator as to the status of the SCS, meteorological and air quality conditions at any time and whether and to what extent the recommendations or determinations of the SCS operator(s) were followed or overridden by any Company official in making any curtailment or operating decision;

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[4] As used in this regulation the term "ambient air" shall be defined in the same manner as that term is defined in the Clean Air Act and regulations promulgated thereunder.

(iv) *The SCS Operating Manual.* An approvable operational manual shall require operation of the SCS to include (but not be limited to) the following:

(A) Prescribed emission curtailment decisions based on the use of real time information from the air quality monitoring network, dispersion model estimates of the effect of SO_2 emissions on air quality, and meteorological observations and predictions;[5]

(B) The maintenance and calibration procedures and schedules for all SCS equipment;

(C) The procedures to be followed for the regular acquisition of all meteorological information necessary to operate the system;

(D) The ambient concentrations and meteorological conditions that shall be used as criteria for initiating various degrees of non-discretionary emission curtailment;

(E) The meteorological variables including the thresholds, ranges and combinations of values as to which judgments may be made to anticipate the onset of, and apply, the criteria stated in paragraph (b)(3)(iv)(D) of this section. Specifically, the maximum emission rates which may prevail under each of these meteorological and air quality situations must be specified. Such emission rates shall be determined by in-stack monitors and shall be the basis for determining whether provisions of the operational manual are adhered to;

(F) The procedures through which and the maximum time period within which a curtailment decision will be made and implemented by the SCS operator;

(G) The method for immediately evaluating the adequacy of a particular curtailment decision, including the factors to be considered in that evaluation;

(H) The procedures through which and the time within which additional necessary curtailment will immediately be effected; and

(I) The procedures to be followed to protect the NAAQS for SO_2 in the event of a mechanical failure in any element of the SCS.

(v) *Designated Liability Area.* The DLA shall be the area within two circles, each with a radius of 10 statute miles (16 kilometers) with the center point of such circles coinciding, respectively, with the main stack serving the lead smelter and the main stack serving the zinc plant. If new information becomes available which demonstrates that the DLA should be redefined, the Administrator shall consider such information and if appropriate, redefine the DLA.

(vi) *Consent to Liability.* On or before July 11, 1979, the owner(s) or operator(s) shall submit to the Administrator an affidavit signed by a responsible company official, empowered to do so, stating that in any judicial or administrative proceeding to enforce this regulation the owner(s) will accept responsibility for violations of the NAAQS for SO_2 in areas of ambient air in the DLA as defined by paragraph (b)(3)(v) of this section

(vii) *Interim Conduct of SCS Program.* Until the Administrator approves under paragraph (b)(3)(x) of this section a revised SCS implementation plan and a revised SCS operational manual required under paragraph (b)(3)(ix)(C) of this section, the owner(s) or operator(s) shall conduct the SCS program in accordance with the existing SCS operational manual and the existing SCS implementation plan which has been approved by the

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[5] The intent behind this subparagraph is set forth in Subpart D of the recently proposed NSO regulations (44 FR 6283; 6290-6291 (January 31, 1979) and 44 FR 11096; 11097 (February 27, 1979).

Director of the State of Idaho Department of Health and Welfare (IDHW): *Provided*, That, upon execution of the consent to liability as required by paragraph (b)(3)(vi) of this section, the existing manual and plan shall be deemed modified by such consent.

(viii) *Study Regarding NAAQS.* Within the times specified by paragraph (b)(3)(ix) of this section, the owner(s) or operator(s) shall submit a study to EPA—Region X which accomplishes the following:

(A) Demonstrates that the NAAQS for SO_2 are being met in all areas of ambient air within the DLA surrounding the smelting complex;

(B) Corrects the deficiencies in the existing SCS operational manual and SCS implementation plan described in the EPA technical study of the present SCS program as described in paragraph (b)(3)(i) of this section or documents that the EPA study erroneously described such deficiencies;

(C) Demonstrates that ambient SO_2 monitors are located (or will be located) in all areas of maximum expected ambient SO_2 concentrations that take into account all probable meteorological and operating conditions. For specific locations of maximum expected ambient SO_2 concentrations, if the owner(s) or operator(s) can demonstrate in the study that maximum ground-level SO_2 concentrations can be predicted through use of alternate techniques then SO_2 ambient monitors may not have to be placed at each such respective location: *Provided*, That such respective localities are inaccessible. "Alternative techniques" as used here shall be deemed to be a demonstration through SO_2 monitoring and calibrated modelling techniques that the compliance status of each unmonitored location of maximum expected SO_2 concentration will be accurately determined from data collected at an alternative monitoring site; and

(D) Failure to timely submit an approvable study shall constitute a violation of this regulation.

(ix) *Required Submissions.* The following items must be submitted to the Administrator within the time limitations shown:

(A) Within two (2) months following the date of promulgation of the final NSO regulations under section 119 of the Act, the owner(s) or operator(s) shall submit a study plan for the study required by paragraph (b)(3)(viii) of this section; within one (1) month following receipt of such plan the Administrator will provide comments to the owner(s) or operator(s) on such study plan;

(B) Within five (5) months following the date of promulgation of the final NSO regulations under Section 119 of the Act, the owner(s) or operator(s) shall submit a final study plan for the study required by paragraph (b)(3)(viii) of this section which incorporates the EPA comments described in paragraph (b)(3)(ix)(A) of this section;

(C) Within one (1) year following the date of promulgation of the final NSO regulations under Section 119 of the Act or the final tall stack regulations under Section 123[6] of the Act (whichever is later), the owner(s) or operator(s) shall submit to the Administrator the NAAQS attainment and SO_2 ambient monitor placement study required by paragraph (b)(3)(viii) of this section;

(D) Within eighteen (18) months following the date of promulgation of the final NSO regulations under Section 119 of the Act or the final tall stack regulations under Section 123 of the Act (whichever is later), the owner(s) or operator(s) shall submit to the Administrator an approvable SCS implementation plan and an approvable SCS operational manual which accomplishes the following:

(*1*) Takes into account the placement of SO_2 ambient monitors in the areas of maximum expected ambient SO_2 concentrations, as specified by paragraph (b)(3)(viii)(B) of this section; and

(*2*) Incorporates the requirements of paragraphs (b)(3)(iii) and (b)(3)(iv) of this section and which remedies the problems identified in the EPA technical study of the present SCS program as described in paragraph (b)(3)(i) of this section; and

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[6] These section 123 tall stack regulations were proposed in the FEDERAL REGISTER on January 12, 1979 (44 FR 2608).

(E) Within twenty-four (24) months following the date of promulgation of the final NSO regulations under section 119 of the Act or the final tall stack regulations under section 123 of the Act (whichever is later), the owner(s) or operator(s) shall submit to the Administrator a certification that placement of SO_2 ambient monitors is in accordance with paragraph (b)(3)(viii)(C) of this section.

(x) *Final Conduct of SCS Program.* Upon the Administrator's review and approval of the information submitted under paragraph (b)(3)(ix)(D) of this section, the owner(s) or operator(s) will be required to conduct the SCS program in accordance with a revised SCS operational manual and the revised SCS implementation plan approved herein. Failure of the owner(s) or operator(s) to timely submit an approvable study plan, study, SCS implementation plan or SCS operational manual will constitute a violation of this regulation.

(xi) *SCS Violations.* During the interim conduct of the SCS program as discussed in paragraph (b)(3)(vii) of this section, failure to curtail SO_2 emissions when and as much as indicated by the applicable SCS operational manual or to follow the provisions of the applicable SCS manual and SCS implementation plan shall constitute a violation of this regulation if the NAAQS for SO_2 are exceeded as a result of such failure. Upon commencement of the final SCS program as discussed in paragraph (b)(3)(x) of this section, failure to curtail SO_2 emissions when and as much as indicated by the revised SCS operational manual or to follow the provisions of the revised manual and SCS implementation plan shall constitute a violation of this regulation. Any violation of the NAAQS for SO_2 in the DLA shall be a violation of this regulation unless EPA determines on the basis of a showing by the owner(s) or operator(s) that:

(A) The smelter owner(s) or operator(s) had taken all emission curtailment action indicated by the SCS operational manual; and

(B) The violation was caused in significant part by emissions of another source(s) which were in excess of the maximum permissible emissions applicable to such source(s).

(xii) *Continuing Review of the SCS Program.* The owner(s) or operator(s) shall continuously review the design and operation of the SCS program to determine what measures may be available for improving the performance of the system. An annual report shall be submitted to the Administrator by March 1 of each calendar year detailing the results of this review and specifying measures implemented to prevent the recurrence of any ambient SO_2 violations.

(4) *Monitoring, Compliance Reporting and Compliance Determination.* Effective on June 11, 1979, the owner(s) or operator(s) of the subject smelter shall comply with the requirements of paragraph (b)(4) of this section in regard to monitoring, compliance reporting and compliance determination except where such requirement is to be met in accordance with a separate compliance schedule provided for by this regulation:

(i) *SCS Program.* For the SCS program, the owner(s) or operator(s) shall:

(A) Maintain, in a useable manner, records of all air quality measurements made, meteorological information acquired, and emission curtailments ordered (including the identity of the persons making such decisions) during the operation of the SCS. Such records shall be retained for at least two years; and

(B) Submit to the Administrator, on a monthly basis, within fifteen (15) days after the end of each month, all measurements made of air quality and all other information regarding the SCS program that the Administrator may request. Such submission shall include a monthly summary indicating all dates and times when a NAAQS for SO_2 was exceeded or equaled in the DLA.

(ii) *Compliance Monitoring.* For compliance monitoring, the owner(s) or operator(s) shall:

(A) *SO_2 Concentration Monitors.* Install, operate and maintain SO_2 concentration measurement system(s) in accordance with the performance specifications and other requirements contained in Appendix D to 40 CFR Part 52, and the conditions outlined as follows:

(*1*) All SO_2 monitors shall be operated continuously and each monitor shall take and record at least one measurement[7] of SO_2 concentration in each 15 minute period;

(*2*) The sampling point shall be located at least 8 stack diameters (diameter measured at sampling point) downstream and 2 diameters upstream from any flow disturbance such as a bend, expansion, constriction, or flame, unless another location is approved by the Administrator;

(*3*) The sampling point for monitoring emissions shall be in the duct at the centroid of the cross section if the cross sectional area is less than 4.645m^2 (50 ft^2) or at a point no closer to the wall than 0.914m (3 ft.) if the cross sectional area is 4.645m^2 (50 ft^2) or more. The monitor sample point shall be in an area of small spatial concentration gradient and shall be representative of the concentration in the duct; and

(*4*) The SO_2 concentration measurement system(s) shall be subject to the manufacturer's recommended zero adjustment and calibration procedures at least once per 24-hour operating period unless the manufacturer specifies or recommends calibration at shorter intervals, in which case such specifications or recommendations shall be followed. Records of these procedures shall be made which clearly show instrument readings before and after zero adjustment and calibration.

(B) *Gas Volumetric Flow Rate Monitors.* Install, operate and maintain gas volumetric flow rate system(s) in accordance with the performance specifications and other requirements contained in Appendix E to 40 CFR Part 52 and the conditions outlined as follows:

(*1*) The monitors are to be operated on a continuous basis and must be located at least 8 stack diameters (diameter measured at sampling point) downstream and 2 diameters upstream from any flow disturbance such as a bend, expansion, constriction, or flange, unless another location is approved by the Administrator.

(*2*) The sampling point within the duct shall be representative of the average flow in the duct or at the point specified by the instrument manufacturer.

(*3*) The instrument used to monitor SO_2 gas streams which bypass the lead smelter acid plant shall be adequate to disclose the time of the bypass and its duration.

(*4*) The measurement system(s) shall be subjected to the manufacturer's calibration procedures at intervals recommended by the manufacturer. Records of these procedures shall be made which clearly show instrument readings before and after any adjustments. If manufacturers calibration procedures do not exist procedures will be specified by the EPA.

(C) *Gas Flow Indicating Devices.* Install, operate, and maintain a system to detect the occurrence of situations when any gas is bypassed around an acid plant as specified in paragraph (b)(1)(iv) of this section in accordance with the following conditions:

(*1*) The system design for detecting gas flow shall be approved by the Enforcement Division Director of the EPA Region X;

(*2*) The device shall be located in each flue or duct where gas may bypass an acid plant;

(*3*) The system shall be capable of detecting gas flows as low as 5 percent of the maximum expected flow through each duct; and

(*4*) The system shall be continuously operated and capable of disclosing and recording the time of the bypass and its duration.

(D) *Field Test.* All continuously operated instrumentation required herein shall be field tested after installation. If field test requirements are not specified by the manufacturer EPA will provide test requirements.

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[7] In the event SO_2 measurements cannot be recorded because monitoring equipment was out-of-service for periodic zero adjustment and calibration or maintenance an arithmetic mean shall be used to determine SO_2 concentration for a given time interval. 75% of the required data will be considered sufficient to calculate a valid arithmetic average.

The Administrator shall be notified at least twenty (20) days prior to that start of the field test period, to afford the Administrator the opportunity to have an observer present.

(E) *Certification of Monitors.* With the exception of the 168 hour break-in period for the SO_2 concentration measurement system(s), all SO_2 concentration and gas volumetric flow rate and gas flow indicating system(s) shall be recertified by the owner(s) or operator(s) at reasonable intervals as requested by the Administrator but in no case less frequently than once per year. The Administrator shall be notified in writing at least twenty (20) days prior to any tests associated with this requirement so that he may have an observer present. A report of the results of each test shall be forwarded to the Administrator within sixty (60) days of the completion of each test;

(F) *Continuous Data Recorder.* The equipment utilized to record the data and parameters measured by continuous monitoring instrumentation shall meet the following requirements or alternate equivalent requirements as the Administrator may require:

(*1*) Where various parameters are recorded on one strip chart the data must, to the Administrator's satisfaction, be continuously traced and each trace be individually and continuously identifiable when the chart is reproduced. In the event a color coded system of data recording is utilized copies of strip chart recordings submitted to the EPA must also be color coded or include a mathematically reduced tabulation of the data on at least 15 minute intervals;

(*2*) The scale for all SO_2 concentration readings must be set so that the maximum expected readings will be at least 40 percent of full scale;

(*3*) The scale for all gas volumetric flow readings must be set so that the maximum expected readings will be at least 80 percent of full scale; and

(*4*) Other requirements regarding data reduction and recording may be specified by the Administrator as required to enforce this regulation.

(G) All SO_2 concentration, gas volumetric flow rate and gas flow indicating measurement and recording instruments shall be maintained on operational mode and one line at *all* times except that provision will be made excusing the owner(s) or operator(s) from monitoring during periods when monitors break down due to causes beyond the control of the owner(s) of operator(s). In such an event, the owner(s) or operator(s) shall notify the Administrator within three (3) days of such a break down and provide information as to actions taken during the instrument malfunction period. All strip chart recordings of the instrumentation of paragraphs (b)(1)(iv) and (b)(1)(v) of this section must be marked once per shift as to the actual time a selected recorded measurement is being recorded. Quality assurance checks shall be performed on all continuous monitoring instrumentation at the frequency specified by the manufacturer or as otherwise reasonably required by the Administrator;

(H) Maintain, in a useable manner, process strip chart recordings, records of all measurements accumulated by the continuous monitoring systems of paragraphs (b)(1)(iv) and (b)(1)(v) of this section and compliance determination calculations (measurements) of paragraph (b)(4)(iii) of this section below. Such information shall be retained for at least two (2) years. The Administrator or his authorized representative shall have reasonable access to these records; and

(I) Maintain, in a useable manner, process strip chart recordings, records and operators log sheets of plant operations for a period of at least two (2) years. The Administrator or his authorized representative shall have reasonable access to these records.

(iii) *Compliance Determination.* For compliance determination, the following shall apply:

(A) *Acid Plant Tailgas—Continuous Monitors.* Compliance with the requirements of paragraph (b)(1)(i)(A) of this section shall be determined using the continuous measurement system(s) of paragraph (b)(1)(iv) of this section installed, calibrated, maintained and operated in accordance with the requirements of paragraph (b)(4)(ii) of this section. An hourly running 6-hour averaging period shall commence at each clock hour and continue for a consecutive 6 clock hour period. A new hourly running 6-hour averaging period will commence at every clock hour. For example, in a given day the following typical hourly running 6-hour averaging periods will occur: 2 a.m. to 8 a.m.; 3 a.m. to 9 a.m.; 4 a.m. to 10 a.m.; and 5 a.m. to 11 a.m. *et seq.* Six-hour average SO_2 concentration shall be calculated as of the end of each clock hour for the preceding 6 hours, in the following manner:

(*1*) Divide each 6-hour period into not less than twenty-four (24) equally spaced time intervals;

(*2*) Determine on a compatible basis an SO_2 concentration for each individual time interval.[8] These measurements may be obtained either by continuous integration of all measurements recorded during the time interval or from the arithmetic average of any number of SO_2 concentration readings equally spaced over the time interval. in the latter case, the same number of concentration readings shall be taken in each interval and the readings shall be similarly spaced within each interval; and

(*3*) Calculate the arithmetic average of all interval concentration measurements in each 6-hour period.

(B) *Acid Plant Tailgas—Manual Test.* Notwithstanding the requirements of paragraph (b)(4)(iii)(A) of this section, compliance with the requirements of paragraph (b)(1)(i)(A) of this section shall also be determined by using the methods described below at such times as may be reasonably specified by the Administrator. For any acid plant, a 6-hour average SO_2 concentration shall be determined as follows:

(*1*) The test of each acid plant tailgas SO_2 concentration shall be conducted while the acid plant is operating at or above the maximum rate at which it will be operated and under such other conditions as the Administrator may specify;

(*2*) Concentrations of SO_2 in emissions shall be determined by using Method 8 as described in 40 CFR Part 60. The analytical and computational portions of Method 8 as they relate to determination of sulfuric acid mist and sulfur trioxide as well as isokinetic sampling, may be omitted from the over-all test procedure;

(*3*) Three independent sets of measurements of SO_2 concentrations shall be conducted during three 6-hour periods for each acid plant. Each 6-hour period will consist of three consecutive 2-hour periods. All tests must be completed within a 72-hour period;

(*4*) In using Method 8, traversing shall be conducted according to Method 1 as described in 40 CFR Part 60. The minimum sampling volume for each 2-hour test shall be 1.132 M^3 (40 ft^3) corrected to standard conditions, dry basis;

(*5*) The velocity of the total effluent from each acid plant evaluated shall be determined by using Method 2 as described in 40 CFR Part 60 of this chapter and transversing according to Method 1. Gas analysis shall be performed by using the integrated sample technique of Method 3 as described in 40 CFR Part 60. Moisture content shall be determined by using Method 4 except that stack gases arising only from a sulfuric acid production unit may be considered to have zero moisture content;

(*6*) The gas sample shall be extracted at a rate proportional to gas velocity at the sampling point;

(*7*) The SO_2 concentration in parts per million-maximum 6-hour average for each stack is determined by calculating the arithmetic average of the results of the three 6-hour test period each consisting of three 2-hour tests; and

(*8*) When necessitated by process variables or other factors, changes to the above test procedures may be approved by the Administrator.

(C) *7-Day Emissions—Continuous Monitoring.* Compliance with the requirements of paragraph (b)(1)(i)(B) of this section shall be determined using the continuous measurement system(s) of paragraph (b)(1)(iv) of this section installed, calibrated, maintained and operated in accordance with the requirements of paragraph (b)(4)(ii) of this section. A daily running 7-day period shall commence at midnight of each day and continue for a consecutive 7-day period. A new daily running 7-day period will commence at midnight of every day. For example, in a given week the following typical daily running 7-day periods will occur: Tuesday (0000 hours) to Monday (2400 hours); Wednesday (0000 hours) to Tuesday (2400 hours) and Thursday (0000 hours) to Wednesday (2400 hours), *et seq.* The SO_2 emission rate for a 7-day period shall be calculated on a daily basis (midnight to midnight) in the following manner:

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[8] *Supra* note 7.

(*1*) Divide each 6-hour period into not less than twenty-hour (24) equally spaced time intervals;

(*2*) Determine on a compatible basis an SO_2 concentration and a stack gas flow rate measurement for each individual time interval for each affected stack.[9] These measurements may be obtained either by continuous integration of SO_2 concentration and stack gas flow rate measurements (from the respective affected facilities) recorded during the time interval or from the arithmetic average of any number of SO_2 concentration and stack gas flow rate readings equally spaced over the time interval. In the latter case, the number of concentration readings shall be taken in each time interval and the readings shall be similarly spaced within each time interval;

(*3*) Calculate the arithmetic average (pounds SO_2 per hour) of all interval emission rate measurements in each 6-hour period for the zinc plant main stack and the lead smelter main stack and multiply that arithmetic average by the number of time intervals in the 6-hour period; and

(*4*) Calculate the SO_2 emission rate for each consecutive 7-day period (midnight to midnight) by summing the twenty-eight (28) 6-hour average SO_2 emission rates for each stack measured over a 7-day period.

(D) *Miscellaneous Source SO_2 Emissions.* The owner(s) or operator(s) shall perform a manual source test of the SO_2 emissions from the zinc fuming furnace and any other SO_2 emitting process equipment whose SO_2 emissions are not routed through the zinc plant main stack or lead smelter main stack. These emissions will not be used in calculating the 7-day SO_2 emissions as described in paragraph (b)(4)(iii)(c) of this section but must be submitted to the Administrator on an annual basis. The following shall apply to the performance of the manual source test:

(*1*) Manual source test methods shall be in accordance with the procedures contained in Appendix A to 40 CFR Part 60 and as follows:

(*i*) SO_2 emissions shall be measured by Method 8 sampling train; 3 runs of at least 60 minutes sampling time per run will constitute one manual source test. The minimum sampling volume for each 1-hour test shall be 1.15 m^3 (40.6 ft^3) corrected to standard conditions, dry basis. The analytical and computational portions of Method 8 as they related to determination of sulfuric acid mist, as well as the isokinetic sampling, may be omitted from the overall test procedure.

(*ii*) Sampling will be conducted at a rate proportional to gas velocity determined according to Methods 1 and 2.

(*iii*) Two gas samples will be collected during each sampling run, according to Method 3.

(*iv*) Moisture content of the gas stream will be determined from the weight gain of the Method 8 train impingers.

(*v*) When necessitated by process variables or other factors, changes to the above test procedures may be approved by the Administrator.

(*2*) Source tests shall be conducted on or before (twelve months following execution of this Agreement) and at intervals specified by the Administrator but in any event not less than once per year;

(*3*) The process(es) tested shall be operated at or above the maximum rate at which it will be operated during the year and under such other conditions as the Administrator may specify; and

(*4*) The Administrator shall be notified in writing at least twenty (20) days prior to any such test so that he may have an observer present.

(5) *Research and Development Program.* Commencing on June 11, 1979, the owner(s) or operator(s) of the subject smelter shall comply with the requirements of paragraph (b)(5) of this section in regard to research and development. The provisions of this paragraph are intended to be read to-

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[9] *Supra* note 7.

gether with those set forth in paragraph (b)(6) of this section regarding bypass of SO_2 streams during the annual acid plant maintenance period:

(i) *Full Scale Research and Development Program.* Except as provided in paragraph (b)(5)(iii) of this section, the owner(s) or operator(s) shall implement a full scale program to capture and control an SO_2 gas stream which was not controlled as of September 28, 1978. A qualifying program shall meet the requirements of paragraphs (b)(5)(ii), (iv), (v), (vi), (vii) and (viii) of this section, and shall consist of one of two options:

(A) An SO_2 removal facility (flue gas desulfurization system) to capture the weak stream exhausted from the sinter machine; or

(B) Substantially complete recirculation of the sinter machine weak stream [10] and treatment of the resultant gas stream in an SO_2 removal facility.

(ii) *Fuel Scale System Design Criteria.* The following shall constitute the design criteria for the full scale research and development system:

(A) Sinter machine weak stream flue gas desulfurization system:

(*1*) 95 percent SO_2 capture efficiency as determined by monitoring equipment continuously measuring feed gas SO_2 concentration and tail gas SO_2 concentration; and

(*2*) 95 percent on-line availability;

(B) Substantially complete sinter machine weak stream recirculation:

(*1*) Not less than 97 percent partitioning of SO_2 generated in the machine shall be routed to an SO_2 removal facility;

(*2*) Not more than 3 percent partitioning of the SO_2 gas generated in the machine shall be routed to the atmosphere via the tip end gas stream; and

(*3*) The SO_2 capture efficiency of the SO_2 removal facility shall not be impaired because of the additional gas captured through utilization of weak stream recirculation.

(iii) *Reduced Scale Research and Development Program.* The owner(s) or operator(s) may elect not to perform the full scale research and development program as set forth in paragraph (b)(5)(i) of this section: *Provided,* That:

(A) The owner(s) or operator(s) notify the EPA—Region X, in writing, of such decision no later than June 11, 1980, and provide a detailed account of the reasons for rejection of the full scale research and development program, including all cost and design information considered in the decision;

(B) The owner(s) or operator(s) immediately submit for the Administrator's approval a substitute research and development program, consisting of construction and operation of a flue gas desulfurization system with a minimum volume operating capacity of 5000 SCFM to treat a portion of the weak gas exhausted from the sinter machine or blast furnace;

(C) Such flue gas desulfurization system is constructed and operated in accordance with the requirements of paragraphs (b)(5)(iv), (v), (vi), and (viii) of this section within the time periods specified in paragraph (b)(5)(vii) of this section. The following shall constitute the design criteria for the reduced scale research and development system:

(*1*) 95 percent SO_2 capture efficiency as determined by monitoring equipment continuously measuring feed gas SO_2 concentration and tailgas SO_2 concentration;

(*2*) 95 percent on-line availability;

(*3*) Continuous measurement instrumentation to monitor and record the following:

(*i*) System temperatures, pressures and gas and liquid flow rates;

(*ii*) Feed gas and tailgas SO_2 concentration;

(*iii*) Pressure drop within the system, and

(*iv*) pH and all other critical flue gas desulfurization operating parameters such as liquid make-up and recirculation flow rates;

(*4*) To the extent technically feasible sufficient automatic control instrumentation shall be provided such that the system automatically compensates for feed gas excursions in particulate loading, flow rate and SO_2 concentration while insuring minimum design criteria are maintained; and

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[10] Nothing in this regulation shall be construed to relieve the owner(s) or operator(s) from meeting the requirements of the Clean Air Act or regulations promulgated thereunder regarding construction or modification requirements concerning new sources.

(*5*) To the extent technically feasible system design and control should be such that correct chemical balance is maintained to avoid scaling, corrosion and equipment malfunction.

(D) The flue gas desulfurization system shall be operated continuously, except during periods of reasonably unavoidable equipment failure in accordance with good engineering practice and in a manner such that the project will result in the collection of information adequate to determine the economic and technological feasibility of a full scale application of such flue gas desulfurization system.

(iv) *Evaluation of the Research and Development Program.* Effective on June 11, 1979, the owner(s) or operator(s) shall evaluate the research and development program and prepare and submit an annual report to the Administrator by March 1 of each calendar year on the progress of the research and development project and detailing the following:

(A) Capital, operating and other costs of the system;

(B) Disposal of by-products (or waste material) and associated environmental impact;

(C) Energy utilization and related potential effects on energy conservation;

(D) The effectiveness of the system to improve capture of other pollutants of both occupational and environmental significance;

(E) Problems in system design and suggested methods or actual methods undertaken to improve the design including any anticipated scale-up problems;

(F) Maintenance requirements and frequency of system shutdown;

(G) Personnel staffing requirements;

(H) SO_2 capture efficiency as impacted by process exhaust gas fluctuations and sinter machine (or blast furnace) shutdowns; and

(I) Such other related technical information as may be reasonably required by the Administrator to assist him in the evaluation of the research and development program.

(v) *System Operation.* The owner(s) or operator(s) shall install and operate the full scale or reduced scale removal facility, whichever it elects, in accordance with good engineering practice and shall make a good faith effort to operate the project continuously, except for periods of reasonably unavoidable malfunction until the expiration date of the first primary nonferrous smelter order or until discontinuance is authorized under paragraph (b)(6)(iii) of this section or by written authorization of the Administrator, and in such manner as will result in the collection of information necessary to determine the economic and technological feasibility of the facility. If technically feasible, system performance must be at the design criteria as specified in paragraph (b)(5)(ii) or (b)(5)(iii) of this section subsequent to its initial break-in period.

(vi) *Sanctions.* Except where the owner(s) or operator(s) have first demonstrated to the satisfaction of the Administrator that due to technical infeasibility design criteria cannot be achieved, departure from the design criteria of paragraphs (b)(5)(ii) and (iii) (as applicable) of this section in the final construction or operation of the research and development program, or failure to meet the compliance schedule and reporting requirements, shall constitute a violation of this regulation.

(vii) *Research and Development Compliance Schedule.* The owner(s) or operator(s) shall comply with the following research and development program compliance schedule:

(A) Complete an engineering evaluation of the full scale and reduced scale research and development systems listed in paragraphs (b)(5)(i) and (b)(5)(iii) of this section and submit a complete report and data to the Administrator on or before June 11, 1980;

(B) Notify the Administrator of the research and development system and the gas stream to be treated on or before June 11, 1980;

(C) Complete all engineering and design work on the research and development system on or before ten months following the notification of paragraph (b)(5)(vii)(B) of this section but in any event not later than April 11, 1981. The Administrator shall be provided with a copy of the engineering design for the technique selected;

(D) Award construction contracts for the SO_2 capture system on or before fourteen months following the notification of paragraph (b)(5)(vii)(B) of this section but in any event not later than August 11, 1981. Such award shall be contingent upon a primary non-ferrous smelter order first being issued to the owner(s) or operator(s);

(E) If the full scale research and development system is selected, complete construction of the SO_2 capture system and begin acceptance testing on or before March 11, 1982; and complete all start-up and acceptance testing of the SO_2 capture system and place such system in service by June 11, 1982; and

(F) If the reduced scale research and development system is selected, complete construction of the flue gas desulfurization system by December 11, 1981, and place such system in service by February 11, 1982.

(viii) *Consent to Access.* The owner(s) or operator(s) shall submit a binding written agreement, signed by a responsible corporate official empowered to do so consenting to:

(A) Grant the representatives and contractors of the EPA access to any information or data employed or generated in the research and development program, including any process, emissions, or financial records which the EPA determines are needed to evaluate the technical or economic merits of the program;

(B) Grant physical access to the representatives and contractors of the EPA to each facility at which such research is conducted; and

(C) Grant the representatives and contractors of the EPA reasonable access to the persons in charge of conducting the program on behalf of the smelter owner for discussions of progress, interpretation of data and results, and any other similar purposes as deemed necessary by the EPA.

(6) *Annual Acid Plant Maintenance Offset.* Commencing on June 11, 1979, the owner(s) or operator(s) of the subject smelter shall comply with the requirements of paragraph (b)(6) of this section in regard to continued process operation during the period when an acid plant is shutdown for annual maintenance.

(i) *Bypass Prohibition.* Except as provided in paragraph (b)(6)(ii) of this section, the owner(s) or operator(s) shall not operate the lead smelter sinter machine or any zinc plant roaster when any acid plant(s) serving that process is shut down for maintenance.

(ii) *Criteria for Continuing Process Operation.* Excess emissions occurring during the period when the acid plant is shutdown for the annual maintenance period[11] shall not constitute a violation of paragraph (b)(1)(ii) of this section or be included in the computation of the plant wide SO_2 emissions of paragraph (b)(1)(i)(B) of this section, provided that:

(A) The owner(s) or operator(s) commits to install additional SO_2 removal facilities and/or performs process changes to capture a gas stream in accordance with the full scale research and development program requirements of paragraphs (b)(5)(i) and (b)(5)(vii) of this section. If at any time the owner(s) or operator(s) elect not to undertake a full scale qualifying project, excess emissions occurring during the period when the acid plant is shut down for any annual maintenance period shall constitute a violation of this regulation;

(B) The owner(s) or operator(s) provide written notification to the EPA—Region X on or before June 11, 1980, that it will perform the full scale research and development program. During the period prior to such notification, excess emissions occurring when the acid plant is shut down for the annual maintenance period shall not consititute a violation of this regulation. Such continued operation while an acid plant is shutdown for annual maintenance shall not in any event exceed fourteen (14) calendar days per year for each acid plant through and until June 11, 1980.

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[11] The term "annual maintenance period" as used herein is defined as the period occurring once (or twice if the catalyst needs to be replaced two times a year) per year for each acid plant when various maintenance functions such as catalyst replacement and heat exchanger cleaning occur. This period normally lasts less than two weeks.

(C) Commencing with the first twelve (12) month period after the election of a full scale qualifying research and development system under paragraph (b)(5)(i) of this section, and until the system is required to be placed in service under paragraph (b)(5)(vii) of this section, the combined amount of SO_2 which is released by reason of continued process operation during the annual acid plant maintenance period for all 3 acid plants does not exceed the lesser of fourteen (14) days for each acid plant per year or the annual incremental SO_2 capture for which the full scale research and development system is designed.

(D) During the period of time commencing when the full scale research and development system is required to first be placed in service under paragraph (b)(5)(vii) of this section and ending on the expiration date of the first primary non-ferrous smelter order, the following shall apply:

(*1*) No process operation is allowed to continue while the respective acid plant is shut down for its annual maintenance period until and unless the full scale system or process change has operated for the time period specified in paragraph (b)(6)(iii) of this section;

(*2*) During such time period, the full scale system or process change must perform substantially in accord with the system design criteria set forth in paragraph (b)(5)(ii) of this section;

(*3*) The owner(s) or operator(s) must continue to operate the full scale research and development system beyond the time period described in paragraph (b)(6)(iii) of this section and until the expiration date of the first primary non-ferrous smelter order; further the system must perform substantially in accord with the system design criteria set forth in paragraph (b)(5)(ii) of this section; and

(*4*) The combined annual amount of SO_2 which is released by reason of continued process operation during the annual acid plant maintenance period shall not exceed for all 3 acid plants the annual incremental SO_2 capture for which the full scale research and development system is designed and operated;

(E) Annual maintenance shall not be performed simultaneously on the lead smelter acid plant and any zinc acid plant or simultaneously on both zinc plant and acid plants. If, under paragraph (b)(5)(i) of this section, a sinter machine flue gas desulfurization system is installed, annual maintenance shall not be performed simultaneously on the lead smelter acid plant and the flue gas desulfurization system; further, the sinter machine flue gas desulfurization system shall receive the maximum quantity of SO_2 practicable from the sinter machine when the lead smelter acid plant is shutdown. During annual acid plant maintenance at the zinc plant, the zinc plant acid plant which remains in service shall receive the maximum quantity of SO_2 practicable from the operating zinc roasters; and

(F) Continued process operation while an acid plant is shutdown for annual maintenance shall not in any event exceed fourteen (14) calendar days for each acid plant per year.

(iii) *Discontinuance of Full Scale Research and Development Program.* In the event that severe and unavoidable production losses are incurred as a direct result of the operation of the full scale research and development system or process change during a full nine (9) month period for the flue gas desulfurization system or three (3) month period for the sinter machine weak stream recirculation, or upon terms otherwise agreed, in writing, by the Administrator, the owner(s) or operator(s) may discontinue operation of the full scale research and development project provided that:

(A) Notification to the Administrator of discontinuance of such operation shall be given within one month following the expiration of the requisite period. Such notification shall be accompanied by a full written justification of and analysis for the discontinuance; and

(B) Until the expiration date of the first primary non-ferrous smelter order, the lead smelter sinter machine and any zinc plant roaster shall be shut down during any subsequent annual acid plant maintenance period.

(iv) *Pre-determined SO_2 Emissions.* For the purposes of determining compliance with the design and operating criteria set forth in paragraphs (b)(6)(ii)(C) and (D) of this section, the quantity of incremental SO_2 deemed captured by the full scale qualifying project shall be calculated using a predetermined quantity of SO_2 which is emitted in the relevant gas stream prior to installation of such full scale project. The determination of pre-existing SO_2 emissions shall be as follows:

(A) For the sinter machine weak stream, a value of 15.7 tons of SO_2 per 24 hours of operation shall be used;

(B) For the blast furnace, a value of 18.3 tons of SO_2 per 24 hours of operation shall be used; and

(C) On or before June 11, 1980, if the owner(s) or operator(s) demonstrate to the satisfaction of the Administrator, using manual source test techniques, continuous SO_2 measurement techniques, or equivalent alternatives, that a different pre-existing SO_2 emission value is correct, that value may be substituted for the value(s) listed in paragraphs (b)(6)(iv)(A) and (B) of this section upon agreement of the Administrator.

(7) *Violations*—(i) *Violations of Provisions.* Failure to comply with any provisions of this regulation or with the NSO issued to replace this regulation may subject the owner(s) or operator(s) to enforcement and sanctions as set forth in the Clean Air Act and regulations promulgated thereunder.

(ii) *Violations of NAAQS.* Nothing in this paragraph shall be construed to relieve the owner(s) or operator(s) from liability for violations of the NAAQS.

APPENDIX A—FUGITIVE SULFUR DIOXIDE EMISSION CONTROL PROGRAM AND ITS IMPACT TO TOTAL PLANT EMISSIONS

The total plant emission limitation of paragraph (b)(1)(i)(B) was developed based on historical emission data and included the increase in SO_2 emissions from the main stacks that would likely occur as a result of implementation of the fugitive control program described in paragraphs (b)(1)(vi)(C) (zinc roaster), (b)(1)(vi)(D) (sinter machine), and (b)(1)(vi)(E) (blast furnace). Accordingly, failure of the owner(s) or operator(s) to comply with any of the provisions of the fugitive SO_2 control program will be deemed a violation of this regulation. Compliance will be determined as follows:

a. The zinc roaster program of paragraph (b)(1)(vi)(C) is based on compliance with applicable OSHA lead workplace standards in accordance with the OSHA schedules of compliance;

b. The sinter machine program of paragraph (b)(1)(vi)(D) must ensure complete installation of new stainless steel hooding with the exception of the last two (2) sections of the hood which are not subject to high corrosion on or before June 11, 1980; and

c. The blast furnace program of paragraph (b)(1)(vi)(E) must eliminate 90 percent of the blast furnace upset conditions (currently occurring approximately 20 percent of the time).

EPA inspection of the blast furnace operation will be made to ensure that upset conditions occur no more than an aggregate total of 3.36 hours per any 7-day period. The owner(s) or operator(s) explicitly agree that failure to meet the requirements stated herein at any time subsequent to June 11, 1980, will immediately result in the decrease in the plant wide emission limit in proportion to the amount the objective was not attained. The proportional formula is shown below:

Amount of plant wide emission reduction from the 625 tons per 7-day limit equals:

$$21 \times \left[1 - \frac{33.6 - 2(H_u - 3.36)}{33.6} \right]$$

where:

H_u = hours in any 7-day period when the blast furnace is in an upset condition. For the purpose of use in this formula H_u cannot exceed 20.16 hours.

For example, if blast furnace upset conditions occur for 8.36 hours in any 7-day period the plant wide emission limit would be reduced 6 tons per running 7-day period, i.e. the new plant wide emission limit would be 619 tons SO_2 per running 7-days.

[40 FR 53588, Nov. 19, 1975, as amended at 44 FR 72120, Dec. 13, 1979; 45 FR 1419, Jan. 7, 1980]

§ 52.677 Compliance schedules.

(a) The requirements of § 51.15(c) of this chapter are not met since the compliance schedules for the control of sulfur oxides from smelters are not legally enforceable. In addition, the requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for sulfuric acid plants and Kraft pulp mill recovery furnaces.

(b) The compliance schedules for the sources identified below are approved as meeting the requirements of §§ 51.6 and 51.15 of this chapter. All regulations cited are contained in the "Rules and Regulations for the Control of Air Pollution in Idaho."

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Potlatch Forest, Inc [1]	Lewiston	Reg. O, Sec. 3 F.	June 28, 1973	Immediately	Jan. 1, 1974.
Louisiana Pacific Corp	Post Falls	Reg. P, Sec. 2	June 20, 1974	do	June 30, 1975.
Seeds, Inc	Worley	Reg. H	do	do	July 31, 1975.
Merritt Brothers Lumber Co	Priest River	Reg. P, Sec. 2	do	do	June 30, 1975.

[1] Compliance schedules for the recovery furnaces are disapproved and promulgated in (c) and (d) respectively below.

(c) The compliance schedules for the sources identified below are disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are contained in the "Rules and Regulations for the Control of Air Pollution in Idaho."

Source	Location	Regulation involved	Date of adoption
Potlatch Forest, Inc [1]	Lewiston	Reg. O, Sec. 3 E.	June 28, 1973.
Louisiana Pacific Corporation.	Priest River	Reg. P, Sec. 2.	June 20, 1974.
Bunker Hill Co. (portion of compliance schedule regulating particulates).	Kellogg	Reg. E, Reg. H.	June 29, 1973.

[1] The compliance schedule for lime kilns is approved in paragraph (b) of this section.

(d) *Federal compliance schedules.* (1) Except as provided in paragraph (d)(5) of this section, the owner or operator of any Kraft pulp mill subject to the following emission limiting regulation in the Idaho Implementation Plan shall comply with the compliance schedule in paragraph (d)(2) of this section: "Rules and Regulations for the Control of Air Pollution in Idaho," regulation O, section 3, subsection E (chapter VII of the Idaho implementation plan).

(2) Compliance schedule for recovery furnaces.

(i) January 1, 1974—Achieve compliance with the applicable regulations, and certify such compliance to the Administrator.

(ii) If a performance test is determined necessary by the Administrator to certify compliance, such a test must be completed by January 15, 1974. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(3)-(4) [Reserved]

(5) (i) None of the above subparagraphs shall apply to a source which is presently in compliance with applicable regulations and which has certified such compliance to the Administrator by October 1, 1973. The Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(6) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of a compliance schedule in this paragraph fails to satisfy the requirements of § 51.15(b) and (c) of this chapter.

[38 FR 22741, Aug. 23, 1973, as amended at 38 FR 24342, Sept. 7, 1973; 40 FR 10465, Mar. 6, 1975; 41 FR 23203, June 9, 1976]

§§ 52.678—52.679 [Reserved]

§ 52.680 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information in Idaho's plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Eastern Idaho Intrastate	*a*	*e*	*f*	*f*	c	c	c
Eastern Washington-Northern Idaho Interstate	*a*	*e*	d	b	c	c	c
Idaho Intrastate	*a*	*e*	c	c	c	c	c
Metropolitan Boise Intrastate	*a*	*e*	c	c	c	g	c

NOTE: Footnotes which are italicized are prescribed by the Administrator because the plan does not provide a specific date.

a. July 1975.
b. Eighteen-month extension granted.
c. Air quality levels presently below secondary standards.
d. July 31, 1977.
e. July 31, 1978.
f. July 31, 1976.
g. December 31, 1987.

(Secs. 110 (a) and 172 of the Clean Air Act (42 U.S.C. 7410 (a) and 7502))

[37 FR 15083, July 27, 1972, as amended at 38 FR 12711, May 14, 1973; 40 FR 53590, Nov. 19, 1975; 41 FR 23203, June 9, 1976; 45 FR 70261, Oct. 23, 1980]

§ 52.681 [Reserved]

§ 52.682 Maintenance of national standards.

(a) Pursuant to the requirements of § 51.12, paragraphs (e) and (f), of this chapter, the Administrator, in agreement with the State of Idaho, has identified no areas that have the potential for violation of the national ambient air quality standards within 10 years.

[40 FR 18734, Apr. 29, 1975]

§ 52.683 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Idaho.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August. 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.684 Control Strategy: Carbon Monoxide.

(a) The transportation control plan portion of the Boise-Ada County carbon monoxide attainment plan required under Part D of the Clean Air Act is approved.

(b) Until EPA takes final action to approve or conditionally approve the Part D carbon monoxide attainment plan for the Boise-Ada County area which includes the new source review procedures submitted by the State, the ban on construction of new and modified major stationary sources required by section 110(a)(2)(I) of the Clean Air Act as amended, will remain in effect.

(c) The 1982 SIP submission containing a revision to the Boise-Ada County transportation control plan shall contain the following:

(1) An inspection and maintenance program.

(2) A strategy insuring that reasonable further progress will be met in attaining the standards prior to December 31, 1987.

(Secs. 110 (a) and 172 of the Clean Air Act (42 U.S.C. 7410 (a) and 7502))

[45 FR 70261, Oct. 23, 1980]

§ 52.685 Indirect source review program.

(a) EPA approved the State of Idaho's indirect source review regulation in the FEDERAL REGISTER on January 30, 1975 (40 FR 4420). The regulation applies to any new parking facility or other indirect source with an associated parking area which has a parking capacity of 1,000 cars or more.

(b) EPA approves a variance from the State indirect source regulation for the Boise Redevelopment Agency's downtown urban renewal project including a 3,060 space parking facility.

(Secs. 110 (a) and 172 of the Clean Air Act (42 U.S.C. 7410 (a) and 7502))

[45 FR 70261, Oct. 23, 1980]

§ 52.686 Inspection and maintenance program.

(a) EPA is calling for a SIP revision including I/M to be submitted by July 1, 1981. Program implementation must be by December 31, 1982 for a decentralized approach and no later than December 31, 1983 for a centralized approach.

(Secs. 110 (a) and 172 of the Clean Air Act (42 U.S.C. 7410 (a) and 7502))

[45 FR 70261, Oct. 23, 1980]

Subpart O—Illinois

§ 52.720 Identification of plan.

(a) Title of plan: "State of Illinois Air Pollution Implementation Plan."

(b) The plan was officially submitted on January 31, 1972.

(c) The plan revision listed below were submitted on the dates specified.

(1) The role of the City of Chicago as a local agent was defined in a letter from the State Environmental Protection Agency on March 13, 1972.

(2) Copies of the Illinois Pollution Control Board Regulations, Chapter 2, Parts I, II and III were submitted May 4, 1972, by the Governor.

(3) A document describing the role of the Chicago Department of Environmental Control was submitted July 28, 1972, by the State Environmental Protection Agency.

(4) Copies of the revisions to the State air episode regulations were submitted on August 29, 1972, by the Governor.

(5) Compliance schedules submitted on March 13, 1973, by the Pollution Control Board.

(6) Compliance schedules submitted on April 3, 1973, by the Pollution Control Board.

(7) Transportation control plan submitted on April 17, 1973, by the Pollution Control Board.

(8) Compliance schedules submitted on May 3, 1973, by the Pollution Control Board.

(9) Compliance schedules submitted on June 15, 1973, by the Pollution Control Board.

(10) Compliance schedules submitted on August 7, 1973, by the Pollution Control Board.

(11) Information concerning the coal ban in the Chicago area was submitted on October 22, 1973, by Governor Walker.

(12) On July 22, 1976, the Director of the Illinois Environmental Protection Agency submitted revised emergency episode regulations.

(13) On November 29, 1977, the Director of the Illinois Environmental Protection Agency submitted grain handling and drying emission limitations as revisions to Rule 203.

(14) Revision consisting of an Illinois Pollution Control Board Order issued on July 20, 1978 to Commonwealth Edison Company, Christian County, Illinois and submitted on August 14, 1978 by the Illinois Environmental Protection Agency.

(15) Revision consisting of an Illinois Pollution control Board Order issued to Shell Oil Company's Wood River refinery on December 14, 1978 by the Il-

linois Environmental Protection Agency.

(16) On April 4, 1979, the State submitted its draft nonattainment area plan for all areas designated nonattainment as of March 3, 1978 and as revised on October 5, 1978. This submittal contained a request for extensions of the statutory attainment deadline for CO and O3. The submittal also included a vehicle emission inspection and maintenance program and a new source review plan. Although the State submittal also included the following provisions, U.S. EPA is taking no action to include them in the federally approved SIP at this time: The portions of Rules 101, 103 and 105 relating to the provisions addressing malfunctions, general requirements of the Clean Air Act which are not Part D requirements, and the provisions covering open burning, mobile source emission standards, diesel locomotive emission standards, adoption of ambient air quality standards, organic emission from organic water separation, carbon monoxide emissions from petroleum and petroleum chemical catalyst incinerators, sulfur dioxide emissions for fuel combustion sources other than major metropolitan areas, emissions from hydrogen sulfide flares at chemical manufacturing plants, compliance dates for organic emission limitations, carbon monoxide from poly basic organic acid partial oxidation processes, nitrogen dioxide emissions from new facilities burning coal refuse, emission limitations for air furnaces, particulate emissions from low carbon waste incinerators, and adoption of Federal New Source Performance Standards. In addition, U.S. EPA is not rulemaking at this time on those portions of the following rules which contain specified changes made between the publication of the Notice of Proposed Rulemaking and the final rulemaking action:

(i)—(iii) [Reserved]

(iv) The new materials in Section 4.11 of the Rules for Issuance of Permits to New or Modified Air Pollution Sources;

(v) The addition of a definition of "reconstruction" in Section 4.7 of the Rules for Issuance of Permits;

(vi) The procedure allowing external offsets contained in Section 10 of the Rules for Issuance of Permits.

(17) On August 29, 1979, the State submitted additional information and clarification for the nonattainment area plan in response to USEPA's July 2, 1979 notice of proposed rulemaking.

(18) On September 20, 1979, the State submitted a summary of public hearing comments on the plan.

(19) On October 30, 1979, the State submitted copies of Illinois Pollution Control board final orders for control of VOC emissions from stationary sources (Rule 205) and sources of fugitive particulates (Rule 203(f)).

(20) On December 20, 1979, the State submitted a letter containing the dates that most of the regulatory and nonregulatory portions of the nonattainment area plans were finally adopted by the Illinois Pollution Control Board. Rule 205 containing RACT controls for stationary sources of VOC was effective in the State on July 18, 1979. Rule 203(f) governing fugitive dust emissions was effective in the state on September 18, 1979.

(21) On January 25, 1980, the State submitted a copy of finally enacted "Rules for the Issuance of Permits to New or Modified Air Pollution Sources Affecting Nonattainment Areas." Sections 5.1(a)(2)(ii) and 5.1(a)(2)(iii) of these rules were reserved by the State. The effective date of these Rules was January 16, 1980.

(22) On March 21, 1979, the State of Illinois submitted to the USEPA revised regulations for control of sulfur dioxide emissions. On September 19, 1979, the State submitted additional information on these revised regulations to the USEPA.

(23) On January 17, 1980 and on February 7, 1980 the State submitted further information and clarifications to Rule 204.

(24) On September 19, 1979, the State of Illinois submitted a revision to Rule 204(e)(1) for the Commonwealth Edison Company. The revision approves an emission limitation of 105,162 lbs SO_2/hour for the Kincaid Generating Station in Christian County, Illinois.

(25) On April 30, 1980, the State submitted revisions to the transportation

control plan for northeast Illinois (Chicago).

(26) On December 20, 1979, the State of Illinois submitted a revision to provide for modification of the existing air quality surveillance network.

(27) On January 8, 1980, the State submitted an Opinion and Final Order of the Pollution Control Board (dated November 19, 1979) which deletes Rule 206(d) of Chapter 2 from the Illinois Air Pollution Control Regulations.

(28) On September 18, 1979, the State submitted a Final Order of the Pollution Control Board (dated April 12, 1979) which amended Rule 205(g)(1) of Chapter 2 of the Illinois Air Pollution Control Regulations.

(29) On July 21, 1981, the State submitted Volume 9 Lead, of the Illinois State Implementation Plan for Air Pollution Control for incorporation in the Illinois State Implementation Plan. This plan covers all areas in Illinois except for Granite City in the St. Louis Interstate AQCR.

(30) On July 29, 1980, the State submitted a May 29, 1980, Opinion and Order of the Illinois Pollution Control Board granting a variance from the requirements Rule 203(d)(8)(B) of Chapter 2 of the Air Pollution Control Regulations to Continental Grain Company's grain elevator located in Crossville, White County, Illinois. This variance expired July 1, 1980.

(31) On April 4, 1980, the State submitted a November 29, 1979, Opinion and Order of the Illinois Pollution Control Board (IPCB) and Supplementary IPCB Orders dated January 24, 1980, and February 7, 1980. These Orders grant 13 Caterpillar Tractor Company boilers a variance from the requirements of IPCB (A), Rule 203(g)(1)(C)(i) and/or Rule 203(g)(1)(D) which regulate particulate emissions from new and existing sources. No action is taken at this time on variance provisions for Mapleton facility boilers #2, 3, 4, and 5. This variance expired on October 8, 1981.

(32) On August 31, 1981, the State of Illinois submitted a revision to the Illinois State Implementation Plan in the form of a July 9, 1981, Order of the Illinois Pollution Control Board (R-77-15). This Order creates Rule 204(c)(1)(E) which establishes sulfur dioxide (SO_2) emission limitations of 5.5 lbs/SO/MMBTU for solid fuel combustion sources having actual heat input not greater than 250 million BTU's per hour owned or operated by Bemis Company, Inc., Celotex Corporation or Sherex Corporation. On November 17, 1981, the State submitted additional information in support of this revision.

(33) On August 20, 1980, and March 20, 1981, the State submitted additional information on the transportation control plans for the Northeast Illinois (Chicago) Area.

(34) On October 15, 1980, the State submitted additional information on the transportation control plans for the Peoria Metropolitan Area.

NOTE: At 47 FR 26620, June 21, 1982, the following paragraphs (c)(33) and (34) were added to § 52.720, effective July 21, 1982, and will be correctly designated by an EPA document published in the FEDERAL REGISTER at a later date.

(33) On October 1, 1981, the State submitted a report in satisfaction of the Total Suspended Particulate Control Strategy approval condition in which the State agreed to conduct an analysis of the potential air quality impact from storage piles with uncontrolled emissions of less than 50 tons per year, to submit the results of any analysis to EPA, to submit any necessary regulations to the Illinois Pollution Control Board, and promulgate and submit any necessary regulations to EPA. This report concluded that no further regulations were needed.

(34) EPA Study *Volatile Organic Compound Emissions from Solvent Cleaning Operations in the State of Illinois* (EPA 905/4-80-008) was prepared to satisfy the Ozone Control Strategy approval condition in which the State agreed to conduct a study to demonstrate that the three pound per hour, 15 pound per day exemption for solvent metal cleaners contained in Rule 205(k) represents RACT, to submit the results of the study to EPA, to submit any necessary regulations to the Illinois Pollution Control Board and promulgate and submit any necessary regulations to EPA.

The State reviewed this report and in a February 11, 1981, letter to EPA noted their agreement with the findings of the report and indicated that because there was no need for further regulations, this condition is satisfied.

(35) On April 1, 1981, the State submitted additional information on the transportation control plans for the St. Louis Metropolitan (Illinois) Area.

(36) On December 10, 1980, the State submitted a July 24, 1980, Opinion and Order of the Illinois Pollution Control Board and a September 18, 1980, Order of the Board granting Bunge Corporation's Cairo, Illinois soybean processing plant and grain elevator variance from Illinois Pollution Control Board's particulate emission standards under Rules 203(g)(1)(D) and 103(b)(1) of Chapter 2 of the Air Pollution Control Regulations through October 15, 1981.

(37) On July 17, 1980, the State submitted an April 3, 1980, Opinion and Order of the Illinois Pollution Control Board adopting a December 13, 1979, Proposed Opinion and Order of the Board which exempted certain small explosive waste incinerators from the requirements of Rule 203(e) Particulate Emission Standards and Limitations for incinerators and Rule 206(b) Carbon Monoxide Emissions Standards and Limitations for incinerators.

(Secs. 110(a), 172, 319 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, 7601(a), 7619))

[37 FR 10862, May 31, 1972]

Editorial Note: For Federal Register citations to § 52.720, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Effective Date Note: In § 52.720, paragraph (c)(31) was added at 47 FR 25009, June 9, 1982, effective July 9, 1982, and paragraphs (c) (33) and (34) were added at 47 FR 26620, June 21, 1982, effective July 21, 1982.

§ 52.721 Classification of regions.

The Illinois plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Burlington-Keokuk Interstate	I	I	III	III	III
East Central Illinois Intrastate	III	II	III	III	III
Metropolitan Chicago Interstate (Indiana-Illinois)	I	I	I	I	I
Metropolitan Dubuque Interstate	I	III	III	III	III
Metropolitan Quad Cities Interstate	I	III	III	III	III
Metropolitan St. Louis Interstate (Missouri-Illinois)	I	I	III	I	I
North Central Illinois Intrastate	II	IA	III	III	III
Paducah (Kentucky)-Cairo (Illinois) Interstate	I	II	III	III	III
Rockford (Illinois)-Janesville-Beloit (Wisconsin) Interstate	II	III	III	III	III
Southeast Illinois Intrastate	III	II	III	III	III
West Central Illinois Intrastate	I	IA	III	III	III

[37 FR 10862, May 31, 1972, as amended at 39 FR 16346, May 8, 1974; 45 FR 11493, Feb. 21, 1980]

§ 52.722 Approval status.

With the exceptions set forth in this subpart, the Administrator approved Illinois' plan for the attainment and maintenance of the National Ambient Air Quality Standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plan satisfies all requirements of Part D, Title I of the Clean Air Act as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

[45 FR 11493, Feb. 21, 1980]

§ 52.723 Extensions.

(a) The Administrator hereby extends until December 31, 1987 the attainment date for the national standards for CO and 03 in the Northeastern Illinois (Chicago) nonattainment area.

(b) The Administrator hereby extends until December 31, 1987 the attainment date for the national 03 standard in the Illinois portion of the St. Louis Metropolitan nonattainment area.

[45 FR 11493, Feb. 21, 1980]

§ 52.724 Control strategy: Sulfur dioxide.

(a) Part D—Conditional Approval—The Illinois plan is approved provided that the following condition is satisfied:

(1) The plan includes a reanalysis of the Pekin, Illinois area, a submittal of the analysis results to USEPA, the proposal of any additional regulations to the Illinois Pollution Control Board necessary to insure attainment and maintenance of the sulfur dioxide standard, and the promulgation of any necessary regulations. The State must complete the reanalysis, submit the results to USEPA and submit any necessary, additional regulations to the Illinois Pollution Control Board by September 30, 1980. Any necessary regulation must be finally promulgated by the State and submitted to USEPA by September 30, 1981.

(b) Part D—Disapproval—USEPA disapproves Rules 204(c)(1)(B), Rule 204(c)(1)(C), Rule 204(e)(1) and Rule 204(e)(2) for those sources for which these rules represent a relaxation of the federally enforceable State Implementation Plan. Rule 204(c)(1)(B), Rule 204(c)(1)(C), Rule 204(e)(1) and Rule 204(e)(2) are approved as not representing relaxations of the State Implementation Plan for the following sources:

(SOURCES OF 10 MILLION BTU PER HOUR OR MORE NOT INCREASING ALLOWABLE SULFUR DIOXIDE EMISSIONS AS A RESULT OF RECORD RULES 204(C) AND 204(E) BECAUSE NEW ALLOWABLE EMISSIONS RATE IS SAME AS OR LESS THAN OLD ALLOWABLE RATE POUNDS PER HOUR (POUNDS PER MILLION BTU)

County	Name	Emissions formerly allowable [1]	Emissions now allowable without new permit application [2]
Boone	Chrysler	1,760 (4.4)	1,760 (4.4)
Champaign	Chanute Air Base	1,317 (3.0)	1,317 (3.0)
Crawford	CIPS	8,242 (5.1)	8,242 (5.1)
Douglas	USI Chemicals	8,022 (5.3)	8,022 (5.3)
Fulton	Freeman Coal	22.2 (1.2)	22.2 (1.2)
La Salle	Del Monte	296 (3.9)	296 (3.9)
Massac	EEI Joppa	36,865 (3.6)	36,865 (3.6)
Montgomery	CIPS	55,555 (5.8)	55,555 (5.8)
Morgan	do	24,000 (6.0)	20,800 (5.2)
Putnam	Illinois Power	17,051 (5.8)	17,051 (5.8)
Randolph	do [3]	81,339 (4.6)	81,339 (4.6)
Rock Island	International Harvester	1,643 (4.35)	1,643 (4.35)
Williamson	Marion Correctional	396 (5.7)	396 (5.7)

[1] 6.0 lbs/MMBTU of existing coal fired capacity or total 204(e)(2) emissions less actual oil fired and NSPS emissions, whichever is lower.

[2] Maximum allowable emissions for existing coal fired capacity according to revised rules 204(c) and 204(e) consolidated, usually equally equalling total emissions as given by 204(e)(2) less actual oil fired NSPS emissions. (In the one case wherein the new allowable limit is less than that given by 204(e)(2) the allowable emissions were determined by 204(e)(1) with which the source is required to comply.)

[3] Source is in compliance per 204(e)(3)

CIPS Central Illinois Public Service

EEI Electric Energy Incorporated

This disapproval does not in and of itself result in the growth restrictions of section 110(a)(2)(1).

(c) Disapproval—USEPA disapproves Rule 204(e)(4) as not being adequate to protect the NAAQS. This disapproval does not in and of itself result in the growth restrictions of section 110(a)(2)(I).

(d) Disapproval—USEPA disapproves Rule 204(f)(1)(D) as completely deregulating SO_2 emissions from existing processes without providing an assessment of the ambient air quality impact or a showing that increasing the allowable emissions from these sources will not cause or contribute to violations of the NAAQS or PSD increments. This disapproval does not in and of itself result in the growth restrictions of section 110(a)(2)(I).

(e) Disapproval—USEPA disapproves Rule 204(h) for those sources for which USEPA has disapproved rules 204(c) and 204(e). This disapproval does not in and of itself result in the growth restrictions of section 110(a)(2)(I).

(f) Approval—USEPA approves rule 204(e)(3) for those sources able to show that the proposed emission rate will not cause or contribute to a violation of the NAAQS. The State must submit these emission limitations, along with the technical support to USEPA for approval.

(Secs. 110(a), 172 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, 7601(a)))

[45 FR 62806, 62809, Sept. 22, 1980]

§ 52.725 Control strategy: Particulates.

(a) Part D—Conditional Approval—The Illinois plan is approved provided that the following conditions are satisfied:

(1) [Reserved]

(2) The State conducts an analysis of the potential air quality impact from storage piles with uncontrolled emissions of less than 50 tons/year, submits the results of the analysis to USEPA, and submits any necessary regulations to the Illinois Pollution Control Board. The State must satisfy these conditions by December 30, 1980. Any necessary regulations must be finally promulgated by the State and submitted to USEPA by December 31, 1981.

(3) The State submit a schedule which provides for the expeditious submission of source definitions and testing methods for Rules 203(d)(5)(B)(iv)(aa), 203(d)(5)(B)(v), 203(d)(5)(B)(vi) and 203(d)(5)(B)(viii) as revisions to the Illinois Plan.

(b) Part D—Disapproval. (1) U.S. EPA disapproves the provisions of Rule 203(f) which allow the use of an equivalent method without review and approval of that method. Any source subject to Rule 203(f) which chooses to use an equivalent method must have that equivalent method submitted to U.S. EPA and approved as a SIP revision.

(2) U.S. EPA disapproves the following portions of Rule 203(d)(5) which regulate the control of particulate matter from specific sources within the iron and steel industry: Rule 203(d)(5)(B)(ii), Rule 203(d)(5)(B)(iii), Rule 203(d)(5)(D), Rule 203(d)(5)(K) and Rule 203(d)(5)(L).

Neither the disapproval contained in § 52.725(b)(1) nor the disapproval contained in § 52.725(b)(2) result in the growth restrictions of section 110(a)(2)(J) of the Clean Air Act.

(Secs. 110(a), 172 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, 7601(a)))

[45 FR 11493, Feb. 21, 1980, as amended at 46 FR 44185, Sept. 3, 1981; 47 FR 26620, June 21, 1982]

EFFECTIVE DATE NOTE: At 47 FR 26620, June 21, 1982, pragraph (a) was removed from § 52.725, effective July 21, 1982.

§ 52.726 Control strategy: Ozone.

(a) Part D—Conditional Approval—The Illinois plan is approved provided that the following conditions are satisfied:

(1) The State conducts a study to demonstrate that the three pound per hour, fifteen pound per day exemption for solvent metal cleaners contained in Rule 205(k) represents reasonably available control technology (RACT), submits the results of the study to USEPA, and submits any necessary revisions to the regulations to the Illinois Pollution Control Board. The State must comply with these conditions by February 28, 1981. Any necessary regulations must be finally promulgated by the State and submitted to USEPA by February 28, 1982.

(2) The State conducts a study to demonstrate that the 75 percent overall control efficiency requirement in

Rule 205(n) represents RACT, submits the results of the study to USEPA, and submits any necessary regulations representing RACT to the Illinois Pollution Control Board. The State must comply with these conditions by February 28, 1981. Any necessary regulations must be finally promulgated by the State and submitted to USEPA by February 28, 1982.

(b) Disapproval—USEPA disapproves the compliance schedule in Rule 205(j) as it applies to loading rack controls for all emission sources subject to Rule 205(b)(1), as approved by USEPA on May 31, 1972 which were required to be in compliance by December 31, 1973. This disapproval does not in and of itself result in the growth restrictions of section 110(a)(2)(I).

(Secs. 110(a), 172 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, 7601(a)))

[45 FR 55197, Aug. 19, 1980, as amended at 45 FR 62810, Sept. 22, 1980, 47 FR 26620, June 21, 1982]

EFFECTIVE DATE NOTE: At 47 FR 26620, June 21, 1982, paragraph (a)(1) was removed from § 52.276, effective July 21, 1982.

§ 52.727 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect information presented in Illinois' plan, except where noted.

Air quality control region and nonattainment area	Pollutant						
	TSP		SO$_2$		N)$_2$	CO	O$_3$
	Primary	Secondary	Primary	Secondary			
Burlington-Keokuk interstate (AQCR 65):							
a. Primary and Secondary Nonattainment Areas	e	*g*	e			e	e
b. Remainder of AQCR	c	c	c	c	c	c	c
East Central Illinois Intrastate (AQCR 66):							
a. Primary and Secondary Nonattainment Areas		*g*					e
b. Remainder of AQCR	c	c	c	c	c	c	c
Metropolitan Chicago Interstate (Indiana-Illinois) (AQCR 67):							
a. Primary and Secondary Nonattainment Areas	e	*g*			e	f	f
b. Remainder of AQCR	c	c	c	c	c	c	c
Metropolitan Dubuque Interstate (AQCR 68):							
a. Primary and Secondary Nonattainment Areas		*g*					
b. Remainder of AQCR	c	c	c	c	c	c	c
Metropolitan Quad Cities Interstate (AQCR 69):							
a. Primary and Secondary Nonattainment Areas	e	*g*					e
b. Remainder of AQCR	c	c	c	c	c	c	c
Metropolitan St. Louis Interstate (Missouri-Illinois) (AQCR 70):							
a. Primary and Secondary Nonattainment Areas	e	*g*					f
b. Remainder of AQCR	c	c	c	c	c	c	c
North Central Illinois Intrastate (AQCR 71):							
a. Primary and Secondary Nonattainment Areas	e	*g*					e
b. Remainder of AQCR	c	c	c	c	c	c	c
Paducah (Kentucky)-Cairo (Illinois) Interstate (AQCR 72):							
a. Primary and Secondary Nonattainment Areas		*g*	e	*g*			
b. Remainder of AQCR	c	c	c	c	c	c	c

Air quality control region and nonattainment area	Pollutant						
	TSP		SO$_2$		N)$_2$	CO	O$_3$
	Primary	Secondary	Primary	Secondary			
Rockford (Illinois)-Janesville-Beloit (Wisconsin) Interstate (AQCR 73):							
a. Primary and Secondary Nonattainment Areas		*g*					e
b. Remainder of AQCR	c	c	c	c	c	c	c
Southeast Illinois Intrastate (AQCR 74):							
a. Primary and Secondary Nonattainment Areas		*g*					e
b. Remainder of AQCR	c	c	c	c	c	c	c
West Central Illinois Intrastate (AQCR 75):							
a. Primary and Secondary Nonattainment Areas	e	*g*					e
b. Remainder of AQCR	c	c	c	c	c	c	c

a. Three years from plan approval or promulgation.
b. Air quality levels presently below primary standards or area is unclassified.
c. Air quality levels presently below secondary standards or area is unclassified.
d. July 1975.
e. December 31, 1982.
f. December 31, 1987.
g. December 31, 1985.

NOTE 1: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable. These dates may be changed through revisions to the SIP by the State.

NOTE 2: Sources subject to the plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with these requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.727.

NOTE 3: For actual nonattainment designations, refer to 40 CFR Part 81.

[45 FR 11494, Feb. 21, 1980]

§ 52.728 Control strategy: Nitrogen dioxide.

(a) Part D—Conditional Approval—The Illinois plan is approved provided that the following condition is satisfied:

(1) The State conducts analyses to determine the need to revise the SIP for nitrogen dioxide, develops any necessary additional regulatory proposals, promulgates any necessary regulations, and submits them to USEPA.

[45 FR 11494, Feb. 21, 1980]

§ 52.729 Control strategy: Carbon monoxide.

(a) The requirements of § 51.14 of this chapter are not met because transportation and/or land-use control strategies and a demonstration that such strategies along with the Federal motor vehicle control program, will attain and maintain the national standards for carbon monoxide in the Illinois portion of the Metropolitan Chicago interstate region by May 31, 1975, have not been adopted for submission as required.

(b) Part D—Conditional Approval—The Illinois plan is approved provided that the following condition is satisfied:

(1) The State corrects the deficiencies in the transportation control plans for the Peoria Metropolitan Area and the Northeastern Illinois (Chicago) area as detailed below in § 52.737 (a) and (b).

(Secs. 110(a), 172 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, 7601(a)))

[38 FR 16565, June 22, 1973, as amended at 45 FR 62810, Sept. 22, 1980]

§ 52.730 Compliance schedules.

(a) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(b) *Federal compliance schedules.* (1) Except as provided in paragraph (b)(3) of this section, the owner or operator of any stationary source subject to the following emission limiting regulations in the Illinois implementation plan shall comply with the applicable compliance schedule in paragraph (b)(2) of this section: Illinois Air Pollution Control Regulations Rule 203(d)(4), 203(d)(6)(B)(ii)(bb), 203(g)(1)(B), 203(g)(2), 203(g)(3), 203(g)(4), 204(c)(1)(A), 204(c)(2), 204(d), and 204(e).

(2) *Compliance schedules.* (i) The owner or operator of any stationary source subject to Illinois Air Pollution Control Regulation Rule 203(d)(4) shall take the following actions with respect to the source no later than the date specified.

(*a*) September 30, 1973—Advertise for bids for purchase and construction or installation of equipment, or for materials requisite for process modification sufficient to control particulate emissions from the source.

(*b*) November 15, 1973—Award contracts for emission control systems or process modification, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(*c*) May 31, 1974—Initiate onsite construction or installation of emission control system or process modification.

(*d*) March 31, 1975—Complete onsite construction or installation of emission system or process modification.

(*e*) May 31, 1975—Complete shakedown operation and performance test on source, submit performance test results to the Administrator; achieve full compliance with State agency regulation.

(ii) The owner or operator of any stationary source subject to Illinois Air Pollution Control Regulation Rule 203(d)(6)(B)(ii)(bb) shall take the following actions with respect to the source no later than the date specified.

(*a*) September 30, 1973—Advertise for bids for purchase and construction or for modification of equipment sufficient to control particulate emissions from the source.

(*b*) November 15, 1973—Award contracts for emissions control systems or process modification, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(*c*) March 31, 1974—Initiate onsite construction or installation of emission control system.

(*d*) October 31, 1974—Complete onsite construction or installation of emission control system.

(*e*) December 31, 1974—Achieve final compliance with Illinois Air Pollution Control Regulations Rule 203(d)(6)(B)(ii)(bb).

(iii) (*a*) The owner or operator of any boiler or furnace of more than 250 million BTU per hour heat input subject to Illinois Air Pollution Control Regulation Rule 204(c)(1)(A), 204(c)(2), 204(d), and 204(e) shall notify the Administrator, no later than October 1, 1973, of his intent to utilize either low-sulfur fuel or stack gas desulfurization to the requirements of said regulation.

(*b*) Any owner or operator of a stationary source subject to paragraph (b)(2)(iii)(*a*) of this section who elects to utilize low sulfur fuel shall take the following actions with respect to the source no later than the date specified.

(*1*) November 1, 1973—Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with Illinois Air Pollution Control Regulations Rule 204(c)(1)(A), 204(c)(2), 204(d), and 204(e) on May 31, 1975, and for at least one year thereafter.

(*2*) December 31, 1973—Sign contracts with fuel suppliers for fuel requirements as projected above.

(*3*) January 31, 1974—Submit a statement as to whether boiler modifications will be required. If modifications will be required, submit plans for such modifications.

(*4*) March 15, 1974—Let contracts for necessary boiler modifications, if applicable.

(*5*) June 15, 1974—Initiate onsite modifications, if applicable.

(*6*) March 31, 1975—Complete onsite modifications, if applicable.

(*7*) May 31, 1975—Final compliance with the emission limitation of Rules 204(c)(1)(A), 204(c)(2), 204(d), and 204(e).

(*c*) Any owner or operator of a fuel combustion source subject to paragraph (b)(2)(iii)(*a*) of this section who elects to utilize stack gas desulfurization shall take the following actions with respect to the source no later than the date specified.

(*1*) November 1, 1973—Let necessary contracts for construction.

(*2*) March 31, 1974—Initiate onsite construction.

(*3*) March 31, 1975—Complete onsite construction.

(*4*) May 31, 1975—Complete shakedown operations and performance test on source, submit performance test results to the Administrator; achieve full compliance with Rule 204(c)(1)(A), 204(c)(2), 204(d), and 204(e).

(iv) (*a*) The owner or operator of any stationary source subject to Illinois Air Pollution Control Regulations Rule 203(g)(1)(B), 203(g)(2), 203(g)(3), and 203(g)(4) shall notify the Administrator, no later than October 1, 1973, of his intent to utilize either low ash fuel or a stack gas cleaning system to meet the requirements of said regulation.

(*b*) Any owner or operator of a stationary source subject to paragraph (b)(2)(iv)(*a*) of this section who elects to utilize low ash fuel shall take the following actions with respect to the source no later than the date specified.

(*1*) November 1, 1973—Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with Illinois Air Pollution Control Regulations Rule 203(g)(1)(B), 203(g)(2), 203(g)(3), and 203(g)(4) on May 31, 1975, and for at least one year thereafter.

(*2*) December 31, 1973—Sign contracts with fuel suppliers for fuel requirements as projected above.

(*3*) January 31, 1974—Submit a statement as to whether boiler modifications will be required. If modifications will be required, submit plans for such modifications.

(*4*) March 15, 1974—Let contracts for necessary boiler modifications, if applicable.

(*5*) June 15, 1974—Initiate onsite modifications, if applicable.

(*6*) March 31, 1975—Complete onsite modifications, if applicable.

(*7*) May 31, 1975—Final compliance with the emission limitation of Rule 203(g)(1)(B), 203(g)(2), 203(g)(3), and 203(g)(4).

(*c*) Any owner or operator of a stationary source subject to paragraph (b)(2)(iv)(*a*) of this section who elects to utilize a stack gas cleaning system shall take the following actions with respect to the source no later than the date specified.

(*1*) January 15, 1974—Let necessary contracts for construction.

(*2*) April 1, 1974—Initiate onsite construction.

(*3*) April 1, 1975—Complete onsite construction.

(*4*) May 31, 1975—Complete shakedown operations and performance tests on source, submit performance test results to the Administrator; achieve full compliance with Rule 203(g)(1)(B), 203(g)(2), 203(g)(3), and 203(g)(4).

(v) Ten days prior to the conduct of any performance test required by this paragraph, the owner or operator of the affected source shall give notice of such test to the Administrator to afford him the opportunity to have an observer present.

(vi) Any owner or operator subject to a compliance schedule above shall certify to the Administrator, within five days after the deadline for each increment of progress in that schedule, whether or not the increment has been met.

(3) (i) None of the above paragraphs shall apply to a source which is presently in compliance with applicable regulations and which has certified such compliance to the Administrator by October 1, 1973. The Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(4) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedules in paragraph (b)(2) of this section fail to satisfy the requirements of § 51.15(b) and (c) of this chapter.

(c) The compliance schedules for the source identified below are approved as meeting the requirements of § 51.6 and § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

ILLINOIS

Source	Location	Regulations involved	Date schedule adopted	Final compliance date
BOONE COUNTY				
Green Giant Co	Belvidere	204(c)	May 16, 1973	May 30, 1975.
CHAMPAIGN COUNTY				
Illinois Central Gulf Railroad	Champaign	204(c)	Apr. 20, 1973	Feb. 15, 1975.
COLES COUNTY				
Celotex Corp. (boilers 2, 5)	Charleston	204(c)	Mar. 1, 1973	May 30, 1975.
COOK COUNTY				
Allied Chemical Corp	Chicago	204(c)	May 29, 1973	May 30, 1975.
Atlas Match Plated Co., Inc	do	204(c)	Mar. 14, 1973	May 1975.
Belden Corp	do	205(f)	Aug. 3, 1973	Apr. 15, 1974.
Benjamin Harris & Co	Chicago Hts	203(d)(7)	Aug. 30, 1973	Feb. 1, 1974.
Darling & Co (46 Street boiler)	Chicago	204(c)	Mar. 30, 1973	May 30, 1975.
Dover Industrial Chrome, Inc	do	204(c)	July 24, 1973	Do.
General Electric	Cicero	204(c)	Apr. 13, 1973	Do.
General Electric	Chicago Hts	203(b)	July 14, 1973	Feb. 1, 1974.
Great Lakes Carbon Corp	Chicago	203(b)	May 24, 1973	May 24, 1974.
H. Kohnstam Co	Bedford Pk	204(c)	Oct. 2, 1972	May 1975.
Illinois Central Gulf Railroad	Chicago	204(c)	Mar. 22, 1973	Feb. 15, 1975.
Material Service Corp	Calumet Pk	204(c)	July 17, 1973	May 30, 1975.
Minnesota Grain Perling	Chicago	203(b)	May 24, 1973	May 24, 1974.
Owens-Illinois, Inc	do	204(c)	Feb. 22, 1973	May 30, 1975.
Do	Chicago Hts	203(a)	July 19, 1974	May 1975.
Penick & Ford, Inc	Chicago	204(c)	May 8, 1973	May 30, 1975.
Pepsi-Cola General Bottlers, Inc	Chicago, 1745 N. Kolmar Ave. 204(c).	204(c)	Mar. 29, 1973	Do.
Do	Chicago 640 E. 51st St.	204(c)	do	Do.
R. R. Donnelley & Sons Co	Chicago	205(f)	June 20, 1973	July 30, 1974.
Schneider Building Corp.:				
(a) Oil heater building 1 and 2	Cicero	204(c)	Apr. 12, 1973	May 30, 1975.
(b) Oil heater building 3	do	204(c)	May 14, 1973	Do.
CARROLL COUNTY				
Rein, Schults, & Dahl Inc	Mt. Carroll	204(c)	Apr. 26, 1973	May 1975.
DEWITT COUNTY				
Illinois Central Gulf Railroad	Clinton	204(c)	Apr. 1, 1973	Feb. 15, 1974.
GRUNDY COUNTY				
General Electric	Morris	207(e)(2)	Mar. 8, 1973	Mar. 8, 1974.
HENRY COUNTY				
Hyster Co	Kewanee	204(c)	Sept. 25, 1973	May 30, 1975.

ILLINOIS—Continued

Source	Location	Regulations involved	Date schedule adopted	Final compliance date
JO DAVIES COUNTY				
Kraftco Corp., Kraft Foods Division	Galena	204(c)	Apr. 19, 1973	May 30, 1975.
KANE COUNTY				
DuKane Corp	St. Charles	205(f)	June 7, 1973	Apr. 1, 1975.
KNOX COUNTY				
Alton Box Board Co	Galesburg	204(c)	Feb. 27, 1973	May 30, 1975.
LAKE COUNTY				
Abbott Labs (boilers No. 4, 5, 6, 8)	N. Chicago	204(c)	June 4, 1973, June 5, 1973.	May 30, 1975.
Fansteel, Inc	Waukegan	204(c)	Nov. 15, 1973	Aug. 1, 1975.
Mt. St. Joseph	Lake Zurich	204(c)	June 20, 1973	May 30, 1975.
LA SALLE COUNTY				
American Nickeloid Co	Peru	204(c)	May 22, 1973	May 30, 1975.
Carus Corp	LaSalle	204(c)(2)	Apr. 9, 1973	Do.
Del Monte Corp	Mendota	204(c)	May 15, 1973	June 1, 1974.
E. I. du Pont de Nemours & Co., Inc	Seneca	207(a)(2)	Apr. 3, 1973	Oct. 1, 1974.
Nabisco, Inc	Marseilles	204(c)	May 24, 1973	May 30, 1975.
LAWRENCE COUNTY				
Texaco Inc. (vacuum pipe still)	Lawrenceville	204(c)	Oct. 17, 1973	June 1974.
MADISON COUNTY				
Edwardsville Creamery Co	Edwardsville	204(c)	June 15, 1973	May 29, 1975.
Illinois Central Gulf Railroad	Venice	204(c)	July 5, 1973	Feb. 15, 1975.
Olin Corp (powerplant)	East Alton	204(c)	May 9, 1973	May 30, 1975.
Reilly Tar & Chemical Corp. (boilers)	Granite City	204(c)	Mar. 8, 1973	Do.
MARSHALL COUNTY				
B. F. Goodrich Chemical Co	Henry	204(c)	Apr. 17, 1973	May 30, 1975.
PEORIA COUNTY				
Atlantic Richfield Co	Chillicothe	205(f)	June 6, 1973	Jan. 31, 1974.
Bemis Co., Inc	Peoria	204(c)	May 4, 1973	Mar. 1975.
Hiram Walker & Sons, Inc	......do	204(c)	Mar. 5, 1973	June 1, 1975.
PUTNAM COUNTY				
Illinois Power Co	Hennepin	204(g)(b)	July 31, 1973	June 30, 1974.
SALINE COUNTY				
U.S. Department of Agriculture	Harrisburg	502	Mar. 14, 1973	Feb. 14, 1974.
SANGAMON COUNTY				
Allis Chalmers	Springfield	204(c)	May 16, 1973	May 30, 1975.
ST. CLAIR COUNTY				
Alton Box Board Co	Godfrey	204(c)	July 19, 1973	May 30, 1975.
Carling Brewing Co	Belville	204(c)	May 7, 1973	Do.
East St. Louis & Interurban Water Co	E. St. Louis	204(c)	Apr. 18, 1973	Do.
Model Progress Laundry Inc	......do	204(c)	May 1, 1973	Do.
Monsanto Co	Saugel	204(c)	Oct. 19, 1973	Do.

ILLINOIS—Continued

Source	Location	Regulations involved	Date schedule adopted	Final compliance date
VERMILION COUNTY				
American Can Co	Hoppeston	204(f)(2)(d)	May 25, 1973	May 30, 1975.
Danville Asphalt	Fifthian	204(c)	Mar. 16, 1973	Do.
WABASH COUNTY				
Mt. Carmel Public Utility Co	Mt. Carmel	203(b)	Oct. 31, 1972	June 30, 1974.
WILL COUNTY				
Caterpillar Tractor Co	Joliet			
(a) Boilers 2, 3		203(b), 204(c)	May 8, 1973	Nov. 1, 1974.
(b) Boiler 4		203(b), 204(c)	do	May 30, 1975.
Texaco Inc	Lockport			
(a) Steam generator		204(f)	Jan. 29, 1973	May 1, 1974.
(b) Delayed cooking unit		204(f)	Jan. 31, 1973	May 30, 1975.
(c) Catalytic cracking unit		204(f)	May 1, 1973	Do.
The Celotex Corp	Wilmington	204(a)	May 8, 1973	Mar. 31, 1974.
WILLIAMSON COUNTY				
Olin Corp	Marion	204(c)	May 8, 1973	May 30, 1975.
WINNEBAGO COUNTY				
J. L. Clark Manufacturing Co	Rockford	205(f)	Apr. 30, 1973	May 30, 1975.
Nickel Brothers Tree Service	S. Beloit	502	Apr. 17, 1973	Mar. 28, 1974.

(d) The compliance schedules for the sources identified below are disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	Regulation involved	Date schedule adopted
CHRISTIAN COUNTY			
Allied Mills, Inc	Taylorville	204(c)	Feb. 28, 1973.
COOK COUNTY			
Harco Aluminum Inc	Chicago	204(c)	Dec. 9, 1973.
J. L. Clark Manufacturing Co	Downers Grove	205(f)	May 4, 1973.
Johnson & Johnson	Bedford Park	205(f)	Jun. 20, 1973.
Lloyd J. Harris Pie, Co. Inc	Chicago	204(c)	Feb. 27, 1973.
Union Oil Co. of California	do	204(c)	Jun. 19, 1973,
(a) No. 10 boiler			Dec. 13, 1973.
(b) 11BIA crude heater			
W. H. Hutchingson & Son, Inc	do	205(f)	Aug. 12, 1973.
Western Rust Proof Co	do	204(c)	Oct. 10, 1973.
Wheeler Uniform Service Inc	do	204(c)	May 22, 1973.
Wm. Yuenger Manufacturing Co	do	204(c)	Aug. 16, 1973.
World's Finest Chocolate Inc	do	204(c)	May 30, 1973.
JACKSON COUNTY			
Tuck Industries, Inc	Carbondale	204(c)	Jun. 20, 1973.
KANE COUNTY			
All Steel Equipment Corp	Montgomery	204(f)	July 24, 1973.
Consolidated Food Inc	Aurora	205(f)	May 9, 1973.

Source	Location	Regulation involved	Date schedule adopted
LAKE COUNTY			
Morton Manufacturing Co	Libertyville	205(f)	Aug. 27, 1973.
LA SALLE COUNTY			
Allied Mills Inc	Mendota	204(c)	May 28, 1973.
MADISON COUNTY			
Clark Oil & Refining Corp	Hartford	204(f)	Feb. 22, 1973.
Granite City Steel Co	Granite City	203(d)(6)	Apr. 25, 1972.
(a) Coke oven pushing operations			as amended.
(b) Charging operations			May 21, 1973.
Illinois Power Company (Wood River Boiler No. 5)	E. Alton	204(c)	May 1, 1973.
Owens-Illinois Inc	Madison	204(c)	May 2, 1973.
Owen-Illinois Inc. (No. 2 Powerhouse)	Alton	204(c)	Mar. 30, 1973.
Shell Oil Co. (Cat. Cracker Units Nos. 1, 2)	Roxana	203(b)	Nov. 27, 1972.
RANDOLF COUNTY			
Chester Dairy Co	Chester	204(c)	Aug. 6, 1973.
ST. CLAIR COUNTY			
Lock Stove Co	East St. Louis	205(b)	June 11, 1973.
TAZEWELL COUNTY			
Quaker Oats Co	Pekin	204(c)	May 24, 1973.
VERMILLION COUNTY			
Lauhoff Grain Co	Danville	204(c)	Mar. 31, 1973.

[38 FR 16145, June 20, 1973, as amended at 38 FR 22742, Aug. 23, 1973; 38 FR 24342, Sept. 7, 1973; 39 FR 28155, Aug. 5, 1974]

§ 52.731 Inspection and maintenance of vehicles.

(a) Definitions:

(1) "Inspection and maintenance program" means a program to reduce emissions from in-use vehicles through identifying vehicles that need emission control related maintenance and requiring that such maintenance be performed.

(2) "Vehicle-for-hire" means any chauffeur-driven, spark-ignition-powered motor vehicle used for the purpose of providing transportation for a fee or charge, such as taxicabs and limousine services.

(3) "Spark-ignition-powered motor vehicle" means a self-propelled over-the-road vehicle that is powered by a spark ignition type of internal combustion engine, including but not limited to engines fueled by gasoline, propane, butane, and methane compounds.

(4) "Light-duty vehicle" means a gasoline-powered motor vehicle rated at 6,000 lb. gross vehicle weight (GVW) or less.

(5) All other terms used in this section that are defined in Appendix N of Part 51 of this chapter are used herein with the meanings so defined.

(b) This regulation is applicable in Cook County, Illinois (including the city of Chicago).

(c) (1) The City of Chicago shall design, implement and enforce an inspection and maintenance program applicable to all light-duty, spark-ignition-powered motor vehicles owned and registered in the City of Chicago. The City may exempt any class or category of vehicles that the City finds are rarely used on public streets or highways (such as classic or antique vehicles)

(2) The County of Cook shall design, implement and enforce an inspection

and maintenance program applicable to all light-duty, spark-ignition-powered motor vehicles owned and registered outside the City of Chicago but within the geographic limits of the County of Cook. The County may exempt any class or category of vehicles that the County finds is rarely used on public streets or highways (such as classic or antique vehicles).

(d) No later than February 1, 1974, the City of Chicago and no later than June 1, 1974, the County of Cook shall submit to the Administrator for his approval legally adopted regulations establishing the regulatory scheme for the inspection and maintenance programs required by paragraph (c) of this section. The regulations shall include:

(1) Provisions requiring inspection of all light-duty, spark-ignition-powered motor vehicles owned and operated within the respective geographic jurisdictions of the City and County at periodic intervals no more than 1 year apart by means of an idle test, except that Chicago registered light-duty vehicles-for-hire shall be inspected at intervals of no more than 4 months apart.

(2) Provisions setting forth inspection criteria and exhaust emissions standards identical to the inspection criteria and exhaust emission standards set forth in section 17-2A.2 of the Environmental Control Ordinance, Chapter 17 of the Municipal Code of Chicago, effective June 1, 1973, in the City of Chicago.

(3) Provisions ensuring that failed vehicles receive within 30 days the maintenance necessary to achieve compliance with the inspection standards. These shall, at a minimum impose sanctions against individual owners and repair facilities, require retest of failed vehicles following maintenance, require plans for the establishment of a certification program to ensure that repair facilities performing the required maintenance have the necessary equipment, parts, and knowledgeable operators to perform the tests satisfactorily, and provide for such other measures as necessary or appropriate.

(4) Provisions prohibiting vehicles from being intentionally readjusted or modified subsequent to the inspection and/or maintenance in such a way as would cause them to no longer comply with the inspection standards. These might include authorization of spot checks of idle adjustments and/or requiring a suitable type of physical tagging on vehicles. These provisions shall include appropriate penalties for violation.

(5) Designation of an agency or agencies responsible for conducting, overseeing, and enforcing the inspection and maintenance program. Private parties may be designated to conduct parts of the program to certify compliance.

(6) Provisions requiring that, with regard to the first inspection cycle, the inspection and maintenance necessary to achieve compliance with the applicable emission standards established pursuant to paragraph (d)(2) of this section be completed by:

(i) May 31, 1975, for all vehicles subject to the inspection program established by the City of Chicago pursuant to this section;

(ii) May 31, 1975, for five-twelfths (5/12) of the vehicles subject to the inspection program established by the County of Cook pursuant to this section; and

(iii) December 31, 1975, for the remainder of the vehicles subject to the Cook County inspection program.

(e) After May 31, 1975, the State of Illinois shall not register or allow to operate on its streets or highways and the City of Chicago shall not allow to operate on its streets or highways any light-duty, spark-ignition-powered motor vehicle subject to the City of Chicago inspection program established pursuant to this section that does not comply with the applicable exhaust emission standards adopted in accordance with paragraph (d)(2) of this section. This prohibition shall not apply to the initial registration of a new motor vehicle.

(f) After December 31, 1975, the State of Illinois shall not register or allow to operate on its streets or highways and the County of Cook shall not allow to operate on its streets or highways any light-duty, spark-ignition-powered motor vehicle subject to the Cook County inspection program established pursuant to this section that does not comply with the applicable exhaust emission standards adopted in accordance with paragraph (d)(2) of this section. This prohibition shall not apply to the initial registration of a new motor vehicle.

(g) After May 31, 1975, no person shall cause, permit, or allow the resale, rental, use, or operation of any spark-ignition-powered motor vehicle subject to the inspection program established by the City of Chicago pursuant to this section that does not comply with the applicable standards and procedures adopted pursuant to paragraph (d)(2) of this section. This prohibition shall not apply to the initial registration of a new motor vehicle.

(h) After December 31, 1975, no person shall cause, permit, or allow the resale, rental, use, or operation of any spark-ignition-powered motor vehicle subject to the inspection program established by the County of Cook pursuant to this section that does not comply with the applicable standards and procedures adopted pursuant to paragraph (d)(2) of this section. This prohibition shall not apply to the initial registration of a new motor vehicle.

(i) No later than February 1, 1974, the City of Chicago and no later than March 1, 1974, the County of Cook shall each submit to the Administrator, for his approval, detailed compliance schedules showing the steps they will take to establish, operate, and enforce the inspection/maintenance programs required by paragraph (c) of this section including the text of proposed or adopted regulations and the date by which proposed regulations will be adopted. The compliance schedule shall also include:

(1) The date by which necessary equipment will be ordered, and

(2) A signed statement from the chief executive officers of the City and/or County identifying the necessary resources including manpower resources and the sources and amounts of funds for the respective programs. If resources cannot be legally obligated under existing statutory authority the text of needed legislation shall be submitted.

[38 FR 33561, Dec. 5, 1973]

§ 52.732 Traffic flow improvements.

(a) Definitions:

(1) "Central Core Area" means that area within the City of Chicago bounded by and including Wacker Drive on the North and West, Michigan Avenue on the East, and Harrison Street on the South.

(b) This regulation is applicable within the City of Chicago, Illinois.

(c) On and after May 31, 1975, the City of Chicago shall operate a traffic-responsive, digital-computer-controlled, traffic signal system covering all intersections within the Central Core Area.

(d) No later than February 1, 1974, the City of Chicago shall submit to the Administrator, for his approval, a detailed compliance schedule showing the steps it will take to establish and operate the traffic flow improvement system required by paragraph (c) of this section including:

(1) A description of the legal authority for establishing and operating the system, including the text of proposed or adopted legislation and regulations, and the dates by which any proposed regulations will be adopted.

(2) Specific dates by which various steps to implement the traffic flow improvement system will be completed. Such steps shall include, as a minimum, the following: Submitting final plans and specifications for the system to the Administrator for his approval, ordering necessary equipment, commencing on-site construction and/or installation, and completing of on-site construction and/or installation.

(3) A signed statement from the Mayor of Chicago or his designee identifying the sources and amounts of funds for the traffic flow improvement system. If funds cannot legally be obligated under existing authority, the text of needed legislation shall be submitted.

[38 FR 33562, Dec. 5, 1973]

§ 52.733 Restriction of on-street parking.

(a) Definitions: (1) "On-street parking" means stopping a motor vehicle on any street, highway, or roadway (except for legal stops at or before intersections and as caution and safety require), whether or not a person remains in the vehicle.

(b) (1) Effective September 30, 1974, the City of Chicago shall prohibit on-street parking by any motor vehicle between the hours of 6:30 a.m. and 6:30 p.m., Mondays through Saturdays, on one side of the following streets within the Central Core Area (as defined in § 52.732 of this chapter): Lake, Randolph, Washington, Madison, Monroe, Adams, Jackson, Van Buren, Clark, and Dearborn.

(2) No later than July 31, 1974, the City of Chicago shall submit to the Administrator legally adopted regulations establishing such a program. At a minimum, such regulations must provide that a vehicle parked in violation of the prohibition shall be towed away, and that the owner or operator of such vehicle shall be fined not less than $50 per violation.

(c) Commencing September 30, 1974, no owner of a motor vehicle shall park, or permit the parking of, said vehicle in violation of the prohibition of paragraph (b)(1) of this section.

(d) No later than May 31, 1974, the City of Chicago shall submit to the Administrator, for his approval, a compliance schedule for implementing the restrictions contained in paragraph (c) of this section. Said compliance schedule shall include:

(1) A description of the legal authority for establishing and enforcing the on-street parking prohibition, including the text of proposed or adopted legislation and regulations, and the date by which any proposed regulations will be adopted;

(2) Designation of the side of the streets on which on-street parking shall be prohibited;

(3) A schedule for installing no parking signs where necessary; and

(4) A strategy for ensuring strict compliance with the prohibition, including identification of the city official responsible for enforcement, and a description of the manpower and financial resources available.

[38 FR 33562, Dec. 5, 1973]

§ 52.734 Monitoring transportation mode trends.

(a) This section is applicable in the Metropolitan Chicago Interstate Air Quality Control Region.

(b) In order to assure the effectiveness of the inspection and maintenance program required under § 52.731, the state of Illinois shall monitor the actual per vehicle emissions reductions occurring as a result of such section. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the State in accordance with § 58.35 of this chapter. The first quarterly report shall cover the period July 1-September 30, 1975.

(c) In order to assure the effective implementation of §§ 52.732 and 52.733 of this chapter, the State shall monitor vehicle miles traveled and average vehicle speeds for each area in which such sections are in effect for such time periods as may be appropriate to evaluate the effectiveness of such sections. The first quarterly report shall cover the period from October 1 to December 31, 1974. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the State in accordance with § 58.35 of this chapter in the basic format shown in Table 1.

TABLE 1

Time period ....
Affected area ....

Roadway type	VMT or average vehicle speed	
	Vehicle type (1)	Vehicle type (2)[1]
Freeway		
Arterial		
Collector		
Local		

[1]Continue with other vehicle types as appropriate.

(Secs. 110, 301(a), 313, 319, Clean Air Act (42 U.S.C. 7410, 7601(a), 7613, 7619))

[38 FR 33562, Dec. 5, 1973, as amended at 44 FR 27571, May 10, 1979]

§ 52.735 Maintenance of national standards.

(a) The requirements of § 51.12(e) of this chapter are not met because the State neither identified areas of the State which have the potential for violation of air quality standards within 10 years nor provided a justification that there are no such areas in the State.

(b) The areas listed below are identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdiction or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Decatur Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Macon County.

(2) Illinois-Indiana-Wisconsin Interstate Air Quality Maintenance Area (Illinois portion).

(i) Pollutants for which the area is identified. Particulate matter, sulfur dioxide, carbon monoxide, photochemical oxidants and nitrogen dioxide.

(ii) Geographical composition of area.

Cook County, Du Page County, Kane County, Lake County, McHenry County, Will County.

(3) Peoria Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Peoria County, Tazewell County, Woodford County.

(4) St. Louis Interstate Air Quality Maintenance Area (Illinois Portion).

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of area:

Madison County, Monroe County, St. Clair County.

[40 FR 23753, June 2, 1975]

§ 52.736 Review of new sources and modifications.

(a) Part D—Conditional Approval—The Illinois plan is approved provided that the following condition is satisified:

(1) The State submits a determination signed by the Illinois Attorney General that the promulgation of the New Source Review rules is consistent with Illinois law; or, in the alternative, submits to USEPA for approval another nonattainment area New Source Review plan which is consistent with Illinois law and meets the requirements of Sections 172(b)(6) and 173 of the Clean Air act.

The State must comply with one of these conditions within 180 days of the February 21, 1980 Notice of Final Rulemaking (45 FR 11472).

(Secs. 110(a), 172 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, 7601(a)))

[45 FR 62810, Sept. 22, 1980]

§ 52.737 [Reserved]

§ 52.738 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Illinois.

(c) All applications and other information required pursuant to § 52.21 from sources located in the State of Illinois shall be submitted to the Director of the Illinois Environmental Protection Agency, 2200 Churchill Road, Springfield, Illinois 62706 instead of the EPA Region V office.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[45 FR 52741, Aug. 7, 1980, as amended at 46 FR 9584, Jan. 29, 1981]

§ 52.739 Permit fees.

(a) The requirements of section 110(a)(2)(K) of the Clean Air Act as amended in 1977 are not met since the state has not submitted to EPA, as a part of its State Implementation Plan, provisions for a permit fee system.

(Secs. 110(a), 126 and 128 of the Clean Air Act as amended (42 U.S.C. 7410(a), 7426 and 7428))

[46 FR 23237, Apr. 24, 1981]

§ 52.740 Interstate pollution.

(a) The requirements of section 126(a)(2) of the Clean Air Act as amended in 1977 are not met since the state has not submitted to EPA, as a part of its State Implementation Plan, the procedures on which the state is relying to notify nearby states of any proposed major stationary source which may significantly contribute to levels of air pollution in excess of the National Ambient Air Quality Standards in that state.

(Secs. 110(a), 126 and 128 of the Clean Air Act as amended (42 U.S.C. 7410(a), 7426 and 7428))

[46 FR 23237, Apr. 24, 1981]

Subpart P—Indiana

§ 52.770 Identification of plan.

(a) Title of plan: "State of Indiana Air Pollution Control Implementation Plan."

(b) The plan was officially submitted on January 31, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) The State Air Pollution Control Board submitted a SO_2 control strategy for the City of Indianapolis on March 16, 1972.

(2) The Governor submitted Public Law 100, Regulation APC 12-R and 13 through 17 on April 11, 1972.

(3) On May 1, 1972, the Governor's office submitted an errata sheet and revised pages for the State plan.

(4) A request for a nine month extension to achieve secondary SO_2 standards in the Indianapolis Region was made by the Governor on May 16, 1972.

(5) The State Air Pollution Control Board submitted additional information on surveillance methodology (non-regulatory) on May 17, 1972.

(6) Regulation APC 4-R was transmitted by the Governor on June 30, 1972.

(7) Assurance that emission data for sources was available for public inspection was given on July 24, 1972, by the Technical Secretary to the Indiana Board.

(8) Clarification of a policy on availability of emission data to the public sent August 17, 1972, by the Technical Secretary to the Indiana Board.

(9) On September 15, 1972, amendments to State control regulations 13, 15 and 16 were submitted to the Governor.

(10) On May 8, 1973, the Governor submitted a new regulation (APC-19) which replaced APC-1.

(11) The Governor submitted a transportation control plan for Marion County on October 19, 1973.

(12) On March 7, 1974, the Technical Secretary of the Air Pollution Control Board, acting for the Governor of Indiana, submitted new regulation APC-20.

(13) On October 3, 1974, the Technical Secretary submitted revised regulations APC-16 covering CO, APC-17 covering NO_2 and a new regulation APC-22 covering classification of counties for SO_2, oxidants, particulates, NO_2 and CO.

(14) On November 8, 1974, the Technical Secretary submitted revised regulation APC-3 covering visible emissions and revised regulation APC-15 covering hydrocarbons.

(15) On December 5, 1974, the Technical Secretary submitted revised regulation APC-13 covering SO_2. On July 18, 1975, an updated Technical Sup-

port Document on APC-13 was submitted by the Technical Secretary.

(16) On June 14, 1976, the Technical Secretary submitted enforcement orders varying the final sulfur dioxide emission limitations for the Warrick and Culley electrical generating stations in Warrick County.

(17) On March 16, 1977, the Technical Secretary submitted new regulation APC-8, Continuous Emission Monitoring; and revised regulations APC-7, Incinerators; and APC-14, Indiana Ambient Air Quality Standards.

(18) On May 18, 1977, the Technical Secretary submitted revised regulation APC-2, Open Burning.

(19) On June 26, 1979, the Governor submitted a revised sulfur dioxide strategy, including regulation APC 13 with appendix, which was promulgated by the State on June 19, 1979 for all areas of the State. This included the Part D sulfur dioxide regulations for Lake, LaPorte, and Marion Counties. On August 27, 1980 and July 16, 1981 the State committed itself to correct conditionally approved items within their strategy. On October 6, 1980, the State submitted a recodified version of APC 13 which was promulgated by the State on August 27, 1980. This included 325 IAC 7, 325 IAC 1.1-6, 325 IAC 1.1-7-2 and 4, 325 IAC 12-5-1 and 2(a), 325 IAC 12-9-1 and 4, and 325 IAC 12-18-1 and 2. EPA is not taking action on 325 IAC 7 as it applies to Floyd and Vigo Counties or on the 30-day averaging compliance method contained in 325 IAC 7-1-3.

(20) On June 26, 1979, the State of Indiana submitted to EPA revisions to the ozone and carbon monoxide portions (section 3.3.24) of its Marion County State Implementation Plan. On March 11, 1980, the state submitted revisions to the Marion County technical appendix to section 3.3.24. On May 19, 1980, the state submitted ozone and carbon monoxide attainment demonstrations for Marion County (section 1.5). On September 8, 1980 the state submitted its memoranda of understanding. On October 9 and October 15, 1980, the state submitted documentation concerning interagency coordination and the analysis of transportation control measures. On January 7, 1981, the state submitted corrections and clarifications in response to EPA's notice of proposed rulemaking (45 FR 81070).

(21) On June 26, 1979 Indiana submitted a motor vehicle inspection and maintenance program for Clark, Floyd, Lake, and Porter Counties. Additional commitments were submitted on April 7, 1980; June 12, 1980; August 27, 1980; November 13, 1980 and November 24,1980.

(22) On June 26, 1979, Indiana made submittals pertaining to section 121 Consultation, section 110(a)(2)(K)—Permit Fees, section 126—Interstate Pollution, section 127—Public Notification, section 128—State Boards and section 110(a)(2)(F) (ii) and (iii)—Continuous Emission Monitoring Additional commitments were secured on April 17, 1980, June 25, 1980, August 1, 1980, November 10, 1980, December 9, 1980, and December 31, 1980. A revised version of Indiana's continuous emission monitoring regulation (325 IAC 3) was submitted on October 6, 1980.

(23) On June 26, 1979, the State of Indiana submitted a revision to provide for modification of the existing air quality surveillance network.

(24) On June 26, 1979, the Governor submitted a revised new source review regulation, APC-19. Additional information and commitments were submitted on June 25, 1980 and May 19, 1981. EPA is not taking action on section 7 of APC-19, Prevention of Significant deterioration.

(25) On June 26, 1979 the Governor submitted revised emission limits for Knauf Fiberglass, Shelby County. Additional information was submitted by November 21, 1979. The emission limitations were recodified as 325 IAC 11-4 and 11-4 Appendix A and were resubmitted on October 6, 1980.

(26) On June 26, 1979 the Governor submitted Indiana's definition regulation, APC-1. The definitions were recodified as 325 IAC 1.1-1 and resubmitted on October 6, 1980. On January 21, 1981 Indiana submitted a revised definition for "positive net air quality benefit." EPA is taking no action on 325 IAC 1.1-1-82, definition of "State Implementation Plan (SIP)."

(27) On October 6, 1980, Indiana submitted Regulation 325 IAC 1.1-2 (formerly APC 14) which includes the

primary and secondary ambient air quality standards for ozone and lead.

(28) On February 26, 1981, Indiana submitted a revision to its plan waiving the State's sulfur dioxide air monitoring requirement of section 4(a) of Regulation 325 IAC 7-1 for the area around Public Service of Indiana's Noblesville Generating Station.

(29) On June 26, 1979, May 19, 1980, September 24, 1980, October 9, 1980 and October 15, 1980, Indiana submitted transportation control plans and ozone demonstrations of attainment for Lake, Porter, Clark, Floyd, St. Joseph, Elkhart and Allen Counties. It also submitted a carbon monoxide demonstration of attainment for Lake County. EPA is taking no action on the ozone demonstration of attainment for St. Joseph, Elkhart and Allen Counties.

(30) On April 10, 1981, Indiana submitted revised emission limits for Indiana Farm Bureau Cooperative Association's Beech Grove plant.

(31) On February 11, 1980, Indiana submitted a revised sulfur dioxide strategy for Vigo County. Technical information was submitted on December 10, 1979 and on May 30, 1980. On October 6, 1980, the State submitted a recodified version of the Vigo County Regulations, 325 IAC Article 7, which was promulgated by the State on August 27, 1980. EPA is not taking action on the 30-day averaging compliance method contained in 325 IAC 7-1-3 as it applies to Vigo County.

(32) On November 24, 1981, Indiana submitted site specific emission limitations for Jeffboat, Inc., Jeffersonville; Tecumseh Pipe Line Company, Schererville, and Wayne Transportation Division, Richmond.

(Secs. 110 and 172 of the Clean Air Act, as amended (42 U.S.C. 7410 and 7502))

[37 FR 10863, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.770, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: At 47 FR 26833, June 22, 1982, paragraph (c)(32) was added to § 52.770, effective August 23, 1982.

§ 52.771 Classification of regions.

(a) The Indiana plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
East Central Indiana Intrastate	II	II	III	III	III
Evansville (Indiana)-Owensboro-Henderson (Kentucky) Interstate	I	II	III	III	III
Louisville Interstate	I	I	III	III	I
Metropolitan Chicago Interstate (Indiana-Illinois)	I	I	I	I	I
Metropolitan Cincinnati Interstate	I	II	III	III	I
Metropolitan Indianapolis Intrastate	I	I	I	I	I
Northeast Indiana Intrastate	II	III	III	III	III
South Bend-Elkhart (Indiana)-Benton Harbor (Michigan) Interstate	I	IA	III	III	III
Southern Indiana Intrastate	IA	IA	III	III	III
Wabash Valley Intrastate	I	I	III	III	III

(b) The requirements of § 51.3(a) of this chapter are not met by the classification of counties in APC-22 for the purposes of attainment and maintenance of the total suspended particulate ambient air quality standards.

(c) The requirements of § 51.3(b) of this chapter are not met by the classification of counties in APC-22 for the purposes of attainment and maintenance of the photochemical oxidant (hydrocarbon) ambient air quality standards.

(d) The requirements of § 51.3(a) of this chapter are not met by the classification of Jefferson, LaPorte, Porter, Vigo and Warrick Counties in Indiana in Regulation APC-22 for the purposes of attainment and maintenance of the sulfur dioxide ambient air quality standards.

[37 FR 10863, May 31, 1972, as amended at 39 FR 16346, May 8, 1974; 40 FR 50033, Oct. 28, 1975; 41 FR 35677, Aug. 24, 1976; 42 FR 34519, July 6, 1977]

§ 52.772 Extensions.

(a) The Administrator hereby extends for 18 months the statutory timetable for submission of Indiana's plan for attainment and maintenance of the secondary standards for sulfur oxides and particulate matter in the Indiana portion of the Metropolitan Chicago Interstate Region and for 13 months the statutory timetable for submission of the plan for attainment and maintenance of the secondary standards for sulfur oxides in the Metropolitan Indianapolis Intrastate Region.

(b) The Administrator hereby extends for 9 months the attainment date for the national standard for photochemical oxidants in the Metropolitan Indianapolis Intrastate Region.

[38 FR 12698, May 14, 1973, as amended at 39 FR 12348, Apr. 5, 1974]

§ 52.773 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves Indiana's plan for attainment and maintenance of the National Ambient Air Quality Standards under section 110 of the Clean Air Act.

(b) The Administrator finds that the SO_2 strategies for Lake, LaPorte, Marion and Vigo Counties satisfy all requirements of Part D, Title I of the Clean Air Act as amended in 1977, except as noted below.

(c) The Administrator finds that Indiana's new source review strategy satisfies all requirements of Part D, Title 1 of the Clean Air Act as amended in 1977.

(d) The Administrator finds that the motor vehicle inspection and maintenance program satifies all requirements of Part D, Title 1 of the Clean Air Act, as amended in 1977, except as noted below.

(e) The Administrator finds that the carbon monoxide strategy for Lake County satisfies all the requirements of Part D, Title I of the Clean Air Act.

(Secs. 110 and 172 of the Clean Air Act, as amended (42 U.S.C. 7410 and 7502))

[37 FR 10864, May 31, 1972, as amended at 46 FR 38, Jan. 2, 1981; 47 FR 6275, Feb. 11, 1982; 47 FR 6623, Feb. 16, 1982; 47 FR 10825, Mar. 12, 1982; 47 FR 20586, May 13, 1982]

§ 52.774 [Reserved]

§ 52.775 Legal authority.

(a) The requirements of § 51.11(f) of this chapter are not met since the following deficiencies exist in the local agency legal authority:

(1) East Chicago: (i) Authority to require recordkeeping is inadequate (§ 51.11(a)(5) of this chapter).

(ii) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(2) Evansville: (i) Authority to prevent construction, modification, or operation of any stationary source at any location where emissions from such source will prevent the attainment or maintenance of a national standard is inadequate (§ 51.11(a)(4) of this chapter).

(ii) Authority to require recordkeeping is inadequate (§ 51.11(a)(5) of this chapter).

(iii) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(3) Gary: (i) Authority to require recordkeeping is inadequate (§ 51.11(a)(5) of this chapter).

(ii) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(4) Hammond: (i) Authority to require recordkeeping is inadequate (§ 51.11(a)(5) of this chapter).

(ii) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(5) Indianapolis: (i) Authority to require recordkeeping is inadequate (§ 51.11(a)(5) of this chapter).

(ii) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(6) Michigan City: (i) Authority to require recordkeeping is inadequate (§ 51.11(a)(5) of this chapter).

(ii) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(7) Wayne County: (i) Authority to require recordkeeping and to make in-

spections and conduct tests of air pollution sources is inadequate (§ 51.11(a)(5) of this chapter).

(ii) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(iii) Authority to prevent construction, modification, or operation of any stationary source at any location where emissions from such source will prevent the attainment or maintenance of a national standard is inadequate (§ 51.11(a)(4) of this chapter).

(8) Lake County: (i) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(ii) Authority to prevent construction, modification, or operation of any stationary source at any location where emissions from such source will prevent the attainment or maintenance of a national standard is inadequate (§ 51.11(a)(4) of this chapter).

(9) St. Joseph County: (i) Authority to prevent construction, modification, or operation of any stationary source at any location where emissions from such source will prevent the attainment or maintenance of a national standard is inadequate (§ 51.11(a)(4) of this chapter).

(ii) Authority to require recordkeeping is inadequate (§ 51.11(a)(5) of this chapter).

(iii) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(10) Vigo County: (i) Authority to require recordkeeping is inadequate (§ 51.11(a)(5) of this chapter).

(ii) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

(iii) Authority to prevent construction, modification, or operation of any stationary source at any location where emissions from such source will prevent the attainment or maintenance of a national standard is inadequate (§ 51.11(a)(4) of this chapter).

(11) Anderson County: (i) Authority to require installation of monitoring devices is inadequate (§ 51.11(a)(6) of this chapter).

[37 FR 10863, May 31, 1972, as amended at 40 FR 55329, Nov. 28, 1975]

§ 52.776 Control strategy: Particulate matter.

(a) The requirements of § 51.13 of this chapter are not met since the plan does not provide for attainment and maintenance of the secondary standards for particulate matter in the Metropolitan Indianapolis Intrastate Region.

(b) APC 4-R of Indiana's "Air Pollution Control Regulations" (emission limitation for particulate matter from fuel combustion sources), which is part of the control strategy for the secondary standards for particulate matter, is disapproved for the Metropolitan Indianapolis Intrastate Region since it does not provide the degree of control needed to attain and maintain the secondary standards for particulate matter. APC 4-R is approved for attainment and maintenance of the primary standards for particulate matter in the Metropolitan Indianapolis Intrastate Region.

(c) APC-3 of Indiana's Air Pollution Control Regulations (visible emission limitation) is disapproved insofar as the phrase "for more than a cumulative total of 15 minutes in a 24-hour period" will interfere with attainment and maintenance of particulate standards.

[37 FR 15084, July 27, 1972, as amended at 40 FR 50033, Oct. 28, 1975]

§ 52.777 Control strategy: Photochemical oxidants (hydrocarbons).

(a) The requirements of § 51.14 of this chapter are not met because the plan does not provide for attainment and maintenance of the national standards for photochemical oxidants (hydrocarbons) in the Metropolitan Indianapolis Intrastate Region by May 31, 1975.

(b) The requirements of § 51.14 are not met by Revised APC-15 (November 8, 1974 submission) because it does not provide for attainment and maintenance of the photochemical oxidant (hydrocarbon) standards throughout Indiana.

[38 FR 16565, June 22, 1973, as amended at 41 FR 35677, Aug. 24, 1976]

§ 52.778 Compliance schedules.

(a) The requirements of § 51.15(c) of this chapter are not met since the compliance schedules for sources of nitrogen oxides extend over a period of more than 18 months and periodic increments of progress are not included.

(b) [Reserved]

(c) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.6 and § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

INDIANA

Source	Location	Regulations involved	Date schedule adopted	Final compliance date
LAKE COUNTY				
American Maize Products Co	Roby	APC 5	Jan. 18, 1973	Apr. 1, 1974.
Jones & Laughlin Steel Corp	Hammond	APC 4R, APC 13.	Mar. 12, 1973	Mar. 31, 1974.

(d) The compliance schedule for the source identified below is disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	Regulation involved	Date schedule adopted
LAKE COUNTY			
Commonwealth Edison Co. of Indiana, Inc. (State Line Station).	Hammond	APC 13	Jan. 18, 1973.

[38 FR 12698 May 14, 1973, as amended at 39 FR 28158, Aug. 5, 1974]

§ 52.779 [Reserved]

§ 52.780 Review of new sources and modifications.

(a) The requirements of § 51.18(a) of this chapter are not met in that the plan does not contain procedures to enable the State to determine whether construction or modification of coal burning equipment having a heat input of between 350,000 Btu per hour and 1,500,000 Btu per hour will result in violations of applicable portions of the control strategy and section 4(a)(2)(iii) of APC-19 is disapproved to the extent that it exempts coal burning equipment having a heat input of between 350,000 Btu per hour and 1,500,000 Btu per hour from pre-construction/modification review.

(b)-(c) [Reserved]

(d) *Limited regulation for the review of new sources and modifications.* (1) This requirement is applicable to any coal burning equipment other than smokehouse generators, having a heat input of between 350,000 Btu per hour (88.2 Mg-cal/h) and 1,500,000 Btu per hour (378.0 MG cal/h), the construction of which was commenced after May 14, 1973.

(2) No owner or operator shall commence construction or modification of any coal burning equipment subject to this regulation without first obtaining approval from the Administrator of the location and design of such source.

(i) Application for approval to construct or modify shall be made on forms furnished by the Administrator.

(ii) A separate application is required for each source.

(iii) Each application shall be signed by the applicant.

(iv) Each application shall be accompanied by site information, plans, descriptions, specifications, and drawings showing the design of the source, the nature and amount of emissions, and the manner in which it will be operated and controlled.

(v) Any additional information, plans, specifications, evidence, or documentation that the Administrator may require shall be furnished upon request.

(3) No approval to construct or modify will be granted unless the applicant shows to the satisfaction of the Administrator that:

(i) The source will operate without causing a violation of any local, State, or Federal regulation which is part of the applicable plan; and

(ii) The source will not prevent or interfere with attainment or maintenance of any national standard.

(4) (i) Within twenty (20) days after receipt of an application to construct, or any addition to such application, the Administrator shall advise the owner or operator of any deficiency in the information submitted in support of the application. In the event of such a deficiency, the date of receipt of the application for the purpose of paragraph (d) (4)(ii) of this section, shall be the date on which all required information is received by the Administrator.

(ii) Within thirty (30) days after receipt of a complete application, the Administrator shall:

(*a*) Make a preliminary determination whether the source should be approved, approved with conditions, or disapproved.

(*b*) Make available in at least one location in each region in which the proposed source would be constructed, a copy of all materials submitted by the owner or operator, a copy of the Administrator's preliminary determination and a copy or summary of other materials, if any, considered by the Administrator in making his preliminary determination: and

(*c*) Notify the public, by prominent advertisement in a newspaper of general circulation in each region in which the proposed source would be constructed, of the opportunity for written public comment on the information submitted by the owner or operator and the Administrator's preliminary determination on the approvability of the source.

(iii) A copy of the notice required pursuant to this paragraph shall be sent to the applicant and to state and local air pollution control agencies, having cognizance over the location where the source will be situated.

(iv) Public comments submitted in writing within thirty (30) days after the date such information is made available shall be considered by the Administrator in making his final decision on the application. No later than ten (10) days after the close of the public comment period, the applicant may submit a written response to any comment submitted by the public. The Administrator shall consider the applicant's response in making his final decision. All comments shall be made available for public inspection in at least one location in the region in which the source would be located.

(v) The Administrator shall take final action on an application within thirty (30) days after the close of the public comment period. The Administrator shall notify the applicant in writing of his approval, conditional approval, or denial of the application, and shall set forth his reasons for conditional approval or denial. Such notification shall be made available for public inspection in at least one location in the region in which the source would be located.

(vi) The Administrator may extend each of the time periods specified in paragraph (d)(4)(ii), (iv) or (v) of this section by no more than 30 days, or such other period as agreed to by the applicant and the Administrator.

(5) The Administrator may impose any reasonable conditions upon an approval, including conditions requiring the source to be provided with:

(i) Sampling ports of a size, number, and location as the Administrator may require,

(ii) Safe access to each port,

(iii) Instrumentation to monitor and record emission data, and

(iv) Any other sampling and testing facilities.

(6) The Administrator may cancel an approval if the construction is not begun within 2 years from the date of issuance, or if during the construction, work is suspended for 1 year.

(7) Any owner or operator subject to the provisions of this regulation shall furnish the Administrator written notification as follows:

(i) A notification of the anticipated date of initial startup of a source not more than 60 days or less than 30 days prior to such date.

(ii) A notification of the actual date of initial startup of a source within 15 days after such date.

(8) Within 60 days after achieving the maximum production rate at which the source will be operated but not later than 180 days after initial startup of such source, the owner or operator of such source shall conduct a performance test(s) in accordance with methods and under operating conditions approved by the Administrator and furnish the Administrator a written report of the results of such performance test.

(i) Such test shall be at the expense of the owner or operator.

(ii) The Administrator may monitor such test and may also conduct performance tests.

(iii) The owner or operator of a source shall provide the Administrator 15 days prior notice of the performance test to afford the Administrator the opportunity to have an observer present.

(iv) The Administrator may waive the requirement of performance tests if the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the source is being operated in compliance with all local, State, and Federal regulations which are part of the applicable plan.

(9) [Reserved]

(10) Approval to construct or modify shall not relieve any owner or operator of the responsibility to comply with all local, State, and Federal regulations which are part of the applicable plan.

(11) Any owner or operator who constructs, modifies, or operates a stationary source not in accordance with the application, as approved and conditioned by the Administrator, or any owner or operator of a stationary source subject to this paragraph who commences construction or modification without applying for and receiving approval hereunder, shall be subject to enforcement action under section 113 of the Act.

(e) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for review of new or modified indirect sources.

(f) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation of the plan for the State of Indiana.

(g) *Delegation of authority.* (1) The Administrator shall have the authority to delegate responsibility for implementing the procedures for conducting source review pursuant to this section in accordance with paragraphs (f)(2), (3), and (4) of this section.

(2) Where the Administrator delegates the responsibility for implementing the procedures for conducting source review pursuant to this section to any Agency, other than a Regional Office of the Environmental Protection Agency, a copy of the notice pursuant to paragraph (d)(4)(iii) of this section shall be sent to the Administrator through the appropriate Regional Office.

(3) In accordance with Executive Order 11752, the Administrator's authority for implementing the procedures for conducting source review pursuant to this section shall not be delegated, other than to a Regional Office of the Environmental Protection Agency, for new or modified sources which are owned or operated by the Federal government or for new or modified sources located on Federal lands; except that, with respect to the latter category, where new or modified sources are constructed or operated on Federal lands pursuant to leasing or other Federal agreements, the Federal Land Manager may at his discretion, to the extent permissible under applicable statutes and regulations, require the lessee or permittee to be subject to new source review requirements which have been delegated to a state or local agency pursuant to this paragraph.

(4) The Administrator's authority for implementing the procedures for conducting source review pursuant to this section shall not be redelegated, other than to a Regional Office of the Environmental Protection Agency, for new or modified sources which are located in Indian reservations except where the State has assumed jurisdic-

tion over such land under other laws, in which case the Administrator may delegate his authority to the States in accordance with paragraphs (g) (2), (3), and (4) of this section.

[37 FR 10863, May 31, 1972, as amended at 38 FR 12698, May 14, 1973; 39 FR 4663, Feb. 6, 1974; 39 FR 7281, Feb. 25, 1974; 40 FR 50270, Oct. 29, 1975]

§ 52.781 Rules and regulations.

(a) [Reserved]

(b) A part of the second sentence in section 3, APC-17, which states "Where there is a violation or potential violation of ambient air quality standards, existing emission sources or any existing air pollution control equipment shall comply with this regulation * * *", is disapproved since it makes the regulation unenforceable by the State agency.

(c)-(d) [Reserved]

(e) Section 2(d) of APC-20, Fugitive Dust Emissions, is disapproved because it is unenforceable within the terms of the regulation.

(f) Subsections 3(b)(3) and 3(b)(5) of APC-2 (May 18, 1977) are disapproved because they are unenforceable within the terms of the regulation.

[37 FR 10863, May 31, 1972, as amended at 37 FR 15084, July 27, 1972; 38 FR 12698, May 14, 1973; 40 FR 50033, Oct. 28, 1975; 43 FR 26722, June 22, 1978]

§ 52.782 Request for 18-month extension.

(a) The requirements of § 51.31(c) of this chapter are not met since the request for an 18-month extension for submitting that portion of the plan that implements the secondary standards for particulate matter in the Metropolitan Indianapolis Intrastate Region does not show that attainment of the secondary standards will require emission reductions exceeding those which can be achieved through the application of reasonably available control technology.

§ 52.783 Attainment dates for national standards.

(a) The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Indiana's plan, except where noted.

POLLUTANT

Air quality control region	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
East Central Indiana Intrastate (AQCR 76):							
a. Primary and Secondary	m	m	*h*	*l*	m	l	l.
b. Remainder of AQCR	*a*	*a*	*a*	*a*	e	e	e.
Evansville (Indiana)—Owensboro, Henderson (Kentucky) Interstate (AQCR 77):							
a. Primary and Secondary	m	m	*l*	*l*	m	l	m.
b. Remainder of AQCR	*a*	*a*	d	*a*	e	e	e.
Louisville Interstate (AQCR 78):							
a. Primary and Secondary	m	m	*l*	*l*	m	l	j.
b. Remainder of AQCR	*a*	*a*	*a*	*a*	e	*a*	*a*.
Metropolitan Chicago Interstate (Indiana-Illinois) (AQCR 67):							
a. Primary and Secondary	m	m	*h*	*l*	m	j	j.
b. Remainder of AQCR	*a*	c	*a*	c	*a*	*a*	*a*.
Metropolitan Cincinnati Interstate (AQCR 79):							
a. Primary and Secondary	m	m	*l*	*l*	m	l	l.
b. Remainder of AQCR	*a*	*a*	d	*a*	e	*a*	*a*.
Metropolitan Indianpolis Interstate (AQCR 80):							
a. Primary and Secondary	m	m	*h*	*l*	m	h	h.
b. Remainder of AQCR	a	a	a	l	a	k,g	k.
Northeast Indiana Intrastate (AQCR 81):							
a. Primary and Secondary	m	m	*l*	*l*	m	l	h.
b. Remainder of AQCR	*a*	*a*	e	e	e	e	e.

POLLUTANT—Continued

Air quality control region	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
South Bend-Elkhart (Indiana) Benton Harbor (Michigan) Interstate (AQCR 82):							
a. Primary and Secondary	m	m	*l*	*l*	m	l	h.
b. Remainder of AQCR	*a*	*a*	*a*	*a*	e	e	e.
Southern Indiana Intrastate (AQCR 83):							
a. Primary and Secondary	m	m	*l*	*l*	m	l	l.
b. Remainder of AQCR	*a*	*a*	*a*	*a*	e	e	e.
Wabash Valley Intrastate (AQCR 84):							
a. Primary and Secondary	m	m	*h*	*l*	m	l	l.
b. Remainder of AQCR	*a*	*a*	*a*	*a*	e	e	e.

NOTE 1: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

NOTE 2: For actual nonattainment designations, refer to 40 CFR Part 81.

NOTE 3: Sources subject to the plan requirement and attainment dates established under section 110(c)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with these requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.783

a. July 1975.
b. Five years from plan approval or promulgation.
c. Eighteen-month extension granted.
d. Air quality levels presently below the primary standards.
e. Air quality levels presently below the secondary standards.
f. Thirteen-month extension granted.
g. Transportation and/or land use control strategy to be submitted no later than April 15, 1973.
h. December 31, 1982.
i. December 31, 1985.
j. December 31, 1987.
k. May 31, 1975.
l. None designated.
m. Attainment date will be specified in the future.

(Secs. 110, 172, Clean Air Act, as amended (42 U.S.C. 7410 and 7502))

[47 FR 6275, Feb. 11, 1982]

§ 52.784 Transportation and land use controls.

(a) To complete the requirements of §§ 51.11(b) and 51.14 of this chapter, the Governor of Indiana must submit to the Administrator:

(1) No later than April 15, 1973, transportation and/or land use control strategies and a demonstration that said strategies, along with Indiana's presently adopted stationary source emission limitations for carbon monoxide and hydrocarbons and the Federal Motor Vehicle Control Program, will attain and maintain the national standards for carbon monoxide and photochemical oxidants (hydrocarbons) in the Metropolitan Indianapolis Intrastate Region by May 31, 1975. By such date (April 15, 1973), the State also must submit a detailed timetable for implementing the legislative authority, regulations, and administrative policies required for carrying out the transportation and/or land use control strategies by May 31, 1975.

(2) No later than July 30, 1973, the legislative authority that is needed for carrying out such strategies.

(3) No later than December 30, 1973, the necessary adopted regulations and administrative policies needed to implement such strategies.

[38 FR 7326, Mar. 20, 1973]

§ 52.785 Control strategy: Carbon monoxide.

(a) The requirements of § 51.14 of this chapter are not met because the plan does not provide for attainment and maintenance of the national standards for carbon monoxide in the Metropolitan Indianapolis Intrastate Region by May 31, 1975.

[38 FR 16565, June 22, 1973]

§ 52.786 Inspection and Maintenance Program.

(a) Definitions:

(1) "Inspection and maintenance program" means a program to reduce emissions from in-use vehicles through identifying vehicles that need emission control related maintenance and requiring that such maintenance be performed.

(2) "Light-duty vehicle" means a motor vehicle rated at 6,000 lb. GVW (gross vehicle weight) or less.

(3) All other terms used in this section that are defined in Part 51, Appendix N of this chapter, are used herein with the meanings so defined.

(b) This regulation is applicable in the County of Marion, Indiana (including all cities, towns and municipal corporations therein).

(c) The State of Indiana shall establish and cause the implementation of an inspection and maintenance program applicable to all gasoline-powered light duty vehicles which are registered in Marion County. Such program shall conform with this § 52.786. The Consolidated City of Indianapolis, the County of Marion, and other municipalities within the County of Marion, shall take all legislative, executive, or other action necessary to establish and implement the program required by this regulation.

(d) Not later than April 1, 1975, the State of Indiana, the County of Marion and the Consolidated City of Indianapolis shall jointly submit to the Administrator, for his approval, legally adopted legislation and/or regulations establishing the regulatory scheme for the inspection/maintenance program required by paragraph (c) of this section. The legislation and/or regulations shall include:

(1) Provisions requiring inspection of all light-duty motor vehicles subject to the inspection program required by paragraph (c) of this section at periodic intervals no more than 1 year apart by means of an idle test. Any class or category of vehicles that are found to be rarely used on public streets and highways (such as classic or antique vehicles) may be exempted.

(2) Provisions for regulatory criteria that are consistent with achieving an 11 percent reduction of hydrocarbon emissions from light-duty vehicles.

(3) Provisions ensuring that failed vehicles receive, within 30 days, the maintenance necessary to achieve compliance with the inspection standards. These provisions shall impose sanctions against owners of non-complying vehicles, require retest of failed vehicles following maintenance, require a suitable distinctive tag or sticker for display on complying vehicles, and include such other measures as are necessary or appropriate.

(4) Provisions establishing a certification program to ensure that testing stations performing the required tests have the necessary equipment and knowledgeable operators to perform the tests satisfactorily, imposing sanctions against non-complying testing stations, and containing such other measures as necessary or appropriate to a testing program.

(5) Provisions prohibiting vehicles from being intentionally readjusted or modified subsequent to the inspection and/or maintenance in such a way as would cause them no longer to comply with the inspection standards. These may include authorization of spot checks of idle adjustments or of a suitable type of physical seal or tag on vehicles. These provisions shall include appropriate penalties for violation by any person.

(6) Designation of agency or agencies responsible for conducting, overseeing, and enforcing the inspection/maintenance program. Private parties may be designated to conduct parts of the program to certify compliance.

(e) After July 1, 1976, the State of Indiana, County of Marion, the Consolidated City of Indianapolis, and other municipalities in Marion County shall not allow the operation on streets, roads, or highways under their ownership or control of any light duty motor vehicle subject to the inspection program established pursuant to paragraph (c) of this section that does not comply with the applicable standards and procedures adopted in accordance with paragraph (d) of this section.

(f) After July 1, 1976, no person shall operate or allow the operation of any motor vehicle subject to the inspection program established pursuant to paragraph (c) of this section that does not comply with the applicable standards and procedures adopted in accordance with paragraph (d) of this section.

(g) No later than October 1, 1974, the State of Indiana, County of Marion, and the Consolidated City of Indianapolis shall jointly submit to the Administrator, for his approval, a detailed compliance schedule showing the steps they will take to establish, operate and enforce the inspection program required by paragraph (c) of this section including:

(1) A detailed description of the inspection program required by paragraph (c) of this section (including a description of the way in which the program will be established, operated, and enforced and the respective responsibilities of the State, county, and municipalities for such tasks).

(2) A description of the legal authority for establishing and enforcing the inspection/maintenance program, including the text of proposed or adopted legislation and regulations.

(3) Specific dates (day, month, and year) by which various steps to implement the inspection/maintenance system will be completed, such steps to include, at a minimum, the following: submitting final plans and specifications for the system to the Administrator for this approval (this date to be no later than February 1, 1975), ordering necessary equipment (this date to be no later than April 15, 1975), commencement of onsite construction and/or installation, and system operational (this date to be no later than July 1, 1975).

(4) An identification of the sources and amounts of funds necessary to implement the system together with written assurances from the chief executive officers of the State, city, and county that they will seek such necessary funding from the appropriate legislative bodies.

(5) Other provisions necessary or appropriate to carry out the program.

(h) Part D—Conditional Approval—The Indiana I/M Plan for Clark, Floyd, Lake and Porter Counties is approved provided that the following conditions are met.

(1) The State must submit a detailed description of its enforcement procedures by December 31, 1980.

(2) The State must submit by June 30, 1981 the general order issued to vehicle owners in the affected areas and the commitments by responsible enforcement officials to ensure compliance with the general order.

(Secs. 110 and 172 of the Clean Air Act, as amended)

[39 FR 12348, Apr. 5, 1974, as amended at 46 FR 38, Jan. 2, 1981]

§ 52.787 Gasoline transfer vapor control.

(a) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater.

(b) This section is applicable in the County of Marion, Indiana (including all cities, towns and municipal corporations therein).

(c) No person shall transfer or permit the transfer of gasoline from any delivery vessel into any stationary source container with a capacity greater than 250 gallons unless such container is equipped with a submerged fill pipe and unless the displaced vapors from the storage container are processed by a control system that prevents release to the atmosphere of no less than 90 percent by weight of organic compounds in said vapors displaced from the stationary storage container location. The control system shall include one or more of the following:

(1) A vapor-tight return line from the storage container to the delivery vessel and a system that will ensure that the vapor return line is connected before gasoline can be transferred into the container. If a "vapor-balance return" system is used to meet the requirements of this section, the system shall be so constructed as to be readily adapted to retrofit with an adsorption system, refrigeration-condensation system or equivalent system connected to the stationary storage container.

(2) Refrigeration-condensation system or adsorption system connected to the stationary storage container.

(3) An equivalent system, approved by the Administrator or his designee, designed to recover or eliminate no less than 90 percent by weight of the

organic compounds in the displaced vapor.

(d) No person shall own or operate a delivery vessel containing gasoline unless the delivery vessel is so designed and maintained as to be vapor-tight at all times. This paragraph (d) shall not apply to delivery vessels in transit through Marion County which neither are filled nor deliver gasoline therein, nor shall this paragraph (d) be construed to prohibit safety-valves on other devices required by governmental safety regulations. Delivery vessels which are filled in Marion County but do not deliver in Marion County may be controlled only for filling.

(e) No person shall own or operate a facility for the filling of delivery vessels with gasoline unless the facility is equipped with a control system, which can recover or eliminate at least 90 percent by weight of the organic compounds in the vapors displaced from the delivery vessel during refilling. Facilities which have a daily throughput of 20,000 gallons or less are required to have a vapor recovery system in operation no later than May 31, 1977. Delivery vessels and storage containers served exclusively by facilities required to have a vapor recovery system in operation no later than May 31, 1977, also will be required to meet the provisions of this section no later than May 31, 1977.

(f) After March 1, 1976, no person shall intentionally release gasoline vapors from a delivery vessel, except to a control system that can recover or eliminate at least 90 percent by weight of organic compounds in the vapors released.

(g) The provisions of paragraph (c) of this section shall not apply to the following:

(1) Stationary containers having a capacity less than 550 gallons used exclusively for the fueling of farming equipment.

(2) Any stationary container having a capacity less than 2,000 gallons installed prior to promulgation of this paragraph.

(3) Transfer made to storage tanks equipped with floating roofs or their equivalent.

(4) Gasoline storage compartments of 1,000 gallons or less in gasoline delivery vessels in use on the promulgated date of this regulation will not be required to be retrofitted with a vapor return system until January 1, 1977.

(h) The operation of a source, otherwise, subject to paragraph (c), (d), or (e) of this section, shall not be a violation of paragraph (c), (d), or (e), respectively, if the following acts shall be completed with respect to such source before the following dates:

(1) October 1, 1974. The owner of the source or his designee shall submit to the Administrator, a final control plan, which describes at a minimum the steps that will be taken by the source to achieve compliance with the applicable provisions of paragraphs (c), (d), and (e) of this section.

(2) March 1, 1975. Negotiate and sign all necessary contracts for control systems, or issue orders for the purchase of component parts to accomplish emission control.

(3) May 1, 1975. Initiate on-site construction or installation of control system equipment.

(4) February 1, 1976. Complete on-site construction or installation of control system equipment.

(5) March 1, 1976. Achieve final compliance with the applicable provisions of paragraphs (c), (d), and (e) of this section.

(6) Any owner of a source subject to the compliance schedule in this paragraph shall certify to the Administrator, within 5 days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(i) As an alternative to compliance with the schedule under paragraph (h) of this section:

(1) The owner of a source which is in compliance with the provisions of paragraph (c), (d), or (e) of this section, shall certify such compliance to the Administrator by October 1, 1974. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) A source for which a compliance schedule is adopted by the State and approved by the Administrator may operate in conformity with such compliance schedule.

(3) The owner of a source may submit to the Administrator, by October 1, 1974, a proposed alternative compliance schedule. No such schedule may provide for compliance after March 1, 1976. Until promulgated by the Administrator, such source shall conform with applicable portions of paragraph (c), (d), (e), or (h) of this section. Upon promulgation of the compliance schedule by the Administrator, no person shall own or operate the source except in conformity with the promulgated schedule.

(j) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (h) of this section fails to satisfy the requirements of § 51.15(b) and (c) of this chapter.

(k) Any new container, facility, or vessel subject to this regulation that is placed in operation after October 1, 1974, shall within 30 days of commencing operation submit a compliance schedule in conformity with paragraph (i) of this section and shall otherwise comply with this section. Any facility subject to this regulation that is placed in operation after March 1, 1976, shall comply with the applicable requirements of this section immediately upon commencing operation.

[39 FR 12349, Apr. 5, 1974, as amended at 39 FR 41253, Nov. 26, 1974; 41 FR 56643, Dec. 29, 1976; 42 FR 29004, June 7, 1977]

§§ 52.788—52.791 [Reserved]

§ 52.792 Maintenance of national standards.

(a) The requirements of § 51.12(e) of this chapter are not met because the State neither identified areas of the State that have the potential for violation of air quality standards within 10 years nor provided a justification that there are no such areas in the State.

(b) The areas listed below are identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial areas of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Evansville Interstate Air Quality Maintenance Area (Indiana portion).

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of the area:

Vanderburgh County.

(2) Illinois-Indiana-Wisconsin Interstate Air Quality Maintenance Area (Indiana portion).

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of the area:

Porter County, Lake County.

(3) Indianapolis Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of the area:

Marion County.

(4) Louisville Interstate Air Quality Maintenance Area (Indiana portion).

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of the area:

Clark County, Floyd County.

[40 FR 23753, June 2, 1975]

§ 52.793 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Indiana.

(c) All applications and other information required pursuant to § 52.21 from sources located in the State of Indiana shall be submitted to the Technical Secretary of the Indiana Air Pollution Control Board, 1330 West Michigan Street, Indianapolis, Indiana 46206 instead of the EPA Region V office.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[45 FR 52741, Aug. 7, 1980, as amended at 46 FR 9584, Jan. 29, 1981]

§ 52.794 Source surveillance.

(a) The requirements of 51.19(c) of this chapter are not met by the phrase "for more than a cumulative total of 15 minutes in a 24-hour period" contained in Section 1 of APC-3 of the Indiana Air Pollution Control Regulations.

[40 FR 50033, Oct. 28, 1975; 41 FR 3475, Jan. 23, 1976]

§ 52.795 Control strategy: Sulfur dioxide.

(a) Revised APC-13 (December 5, 1974 submission) of Indiana's Air Pollution Control regulations (sulfur dioxide emission limitation) is disapproved insofar as the provisions identified below will interfere with the attainment and maintenance of the sulfur dioxide ambient air quality standards:

(1) The phrase "equivalent full load" in Section 1(b)(2).

(2) The formula "$E_p=17.0\ Q_m{}^{0.67}$ where $E_p=E_m \times Q_m$" in Section 2(a).

(3) The phrase "Direct fired process operations" in Sections 2(a), 3(c), 4(b), and 4(c).

(4) The modification of Q_m for non-Indiana coal as expressed in Section 2(a).

(b) The requirements of § 51.22 are not met by Warrick and Culley electrical generating stations enforcement orders which would revise the sulfur dioxide emission limitations for these two stations.

(c) The requirements of § 51.10(d) are not met by Wayne, Dearborn, Jefferson, Porter, and Warrick Counties.

(d) 325 IAC 7 (October 6, 1980 submission) is disapproved insofar as the provisions identified below will interfere with the attainment and maintenance of the sulfur dioxide ambient air quality standards.

(1) The compliance timetables in section 6 for sources with identical or relaxed emission limitations from those contained in the previously approved SIP.

(e) Part D—Conditional Approval)—The Indiana plan for Lake, LaPorte, and Marion Counties is approved provided that the following conditions are satisfied:

(1) Lake County. The plan must either contain an acceptable demonstration that the 24-hour standard is the constraining standard or 3-hour and annual attainment analyses must be provided. The plan must justify appropriate SO_2 background levels for all averaging periods. These must be used in all analyses. The plan must contain a complete emission inventory, including process sources. This inventory must be appropriately used in all analyses. Adequate receptor resolution must be used in the attainment analyses. If revisions to the limitations are necessary, they must be submitted as revisions to the SIP.

(2) LaPorte County. The plan must either contain an acceptable demonstration that the 24-hour standard is the constraining standard or 3-hour and annual attainment analyses must be provided. The plan must justify appropriate SO_2 background levels for all averaging periods. They must be used in all analyses. If revisions to the emission limitation are necessary, they must be submitted as revisions to the SIP.

(3) Marion County. The plan must either contain an acceptable demonstration that the 24-hour standard is the constraining standard or 3-hour and annual attainment analyses must be provided. The plan must justify appropriate background levels for all averaging periods. These must be used in all analyses. The plan must justify the adequacy of the resolution in a computer modeling receptor network. The plan must contain a complete emission inventory, including process sources. This inventory must be appro-

priately used in all analyses. If revisions to the emission limitations are necessary, they must be submitted as revisions to the SIP.

(Secs. 110 and 172 of the Clean Air Act, as amended)

[41 FR 35677, Aug. 24, 1976, as amended at 42 FR 34519, July 6, 1977; 47 FR 10825, Mar. 12, 1982]

§ 52.796 Industrial continuous emission monitoring.

(a) APC-8, Appendix I 1.2.3, 3.3, and 6.0 are disapproved because they do not meet the requirements of 40 CFR 51.19(e).

(b) (1) The requirements of 40 CFR 51, Appendix P 3.3 are hereby incorporated and made a part of the applicable implementation plan for the State of Indiana.

(2) APC-8 does not apply to any source scheduled for retirement by October 6, 1980, or within five years after the promulgation of continuous emission monitoring requirements for that source category in 40 CFR Part 51, Appendix P 1.1, provided that adequate evidence and guarantees are provided that clearly show that the source will cease operations on or before such date.

(42 U.S.C. 7410)

[43 FR 26722, June 22, 1978]

Subpart Q—Iowa

§ 52.820 Identification of plan.

(a) Title of plan: "State of Iowa Air Pollution Control Implementation Plan."

(b) The plan was officially submitted on January 27, 1972.

(c) The plan revisions listed below were submitted on the dates specified:

(1) Request for a two-year extension to meet the National Primary and Secondary Ambient Air Quality Standards for nitrogen dioxide in the Metropolitan Omaha-Council Bluffs Interstate Air Quality Control Region was submitted by the Governor on January 27, 1972. (Non-regulatory)

(2) Revisions of Appendices D and G of the plan were submitted on February 2, 1972, by the State Department of Health. (Non-regulatory)

(3) Source surveillance and record maintenance statements were submitted on April 14, 1972, by the State Department of Health. (Non-regulatory)

(4) Revised statement regarding public availability of emission data was submitted on May 2, 1972, by the State Department of Health. (Non-regulatory)

(5) State submitted Senate File 85 which created the Department of Environmental Quality and replaced the Iowa air pollution control statute which appeared as Chapter 136B of the Code of Iowa, on May 4, 1972. (Regulatory)

(6) A letter describing the issuance of a Certificate of Acceptance for the local air pollution control programs conducted by the Linn County Board of Health for the jurisdictions of the City of Cedar Rapids and Linn County, and the Des Moines-Polk County Health Department for the jurisdictions of the City of Des Moines and Polk County was submitted by the State Department of Health on December 14, 1972. (Non-regulatory)

(7) Compliance schedules were submitted by the State in February 1973. (Regulatory)

(8) Compliance schedules were submitted by the State in May 1973. (Regulatory)

(9) The State of Iowa High Air Pollution Episode Contingency Plan was submitted on June 20, 1973, by the Governor.

(10) The letter which requested the inclusion of the Linn County Health Department Rules and Regulations, the City of Cedar Rapids Air Pollution Control Ordinance, the Polk County Rules and Regulations—Air Pollution Control, and the City of Des Moines Air Pollution Control Regulations in the State of Iowa implementation plan was submitted by the State Department of Environmental Quality on June 25, 1974. (No approval action was taken on the request because it did not meet the procedural requirements specified in 40 CFR Part 51.)

(11) Revisions of Rules 2.1, 3.1, 3.4, 4.1, 4.3(3) and 4.3(4) of the Iowa Rules and Regulations Relating to Air Pollution Control were submitted on April 24, 1974 (by the Governor's office). (No approval or disapproval action was

taken on amended Subrule 4.3(3)a., which restricts emissions of sulfur oxides from fuel-burning sources.) (Regulatory)

(12) Compliance schedules were submitted by the State in May 1974.

(13) Compliance schedules were submitted by the State in May 1974.

(14) Compliance schedules were submitted by the State in July 1974.

(15) Compliance schedules were submitted by the State in August 1974.

(16) A letter from the Director of the Department of Environmental Quality, dated August 29, 1974, which requested that no further action be taken on Subrule 4.3(3) a. as submitted on April 24, 1974. (Regulatory)

(17) Compliance schedules were submitted by the State in September 1974.

(18) Compliance schedules were submitted by the State in November 1974.

(19) Compliance schedules were submitted by the State in February 1975.

(20) Compliance schedules were submitted by the State in April 1975.

(21) Compliance schedules were submitted by the State in June 1975.

(22) Revisions of Rules 1.2, 2.1, 3.1, 3.4, 4.1, 4.2, 4.3, 5.1, 7.1, 8.3 and 8.4 of the Iowa Rules and Regulations Relating to Air Pollution Control were submitted on July 17, 1975, by the Governor's office. (Regulatory) (No approval or disapproval action was taken on Subrules 4.3(2)c. or 4.3(3)b.)

(23) Summary of the public hearing which was held on the revised rules which were submitted on July 17, 1975, by the Governor's office was submitted by the Iowa Department of Environmental Quality on September 3, 1975. (non-regulatory)

(24) Letter which withdrew amended Subrule 4.3(2)c. from the proposed Iowa plan revision submitted on July 17, 1975, was submitted by the Governor's office on January 20, 1976.

(25) Revisions to Rules 1.2, 2.1, 3.1, 3.2, 4.1, 4.3, 4.4, and new Chapters 14 and 52 of the Iowa Administrative Code Relating to Air Pollution Control were submitted June 9, 1976, by the Department of Environmental Quality (Subrules 4.3(3)a(1) and 4.3(3)a(5) were disapproved).

(26) Additional air quality modeling to support the sulfur dioxide emission standards of Subrules 4.3(3)a(1) and 4.3(3)a(2) was submitted March 4, 1977, by the Department of Environmental Quality (Non-regulatory).

(26a) Revisions of Rules 1.2, 4.3(2)b, 4.4(6), 4.4(12) and of Chapter 7 of the Iowa Administrative Code relating to Air Pollution Control were submitted June 20, 1977, by the Department of Environmental Quality.

(27) Nonattainment plan provisions as required by the Clean Air Act Amendments of 1977 were submitted on June 22, 1979, by the Department of Environmental Quality. The submission included amended rule 4.3(2) relating to fugitive dust and new rule 4.5 relating to offsets for particulate matter. The revisions included attainment plans for particulate in Mason City and Davenport, particulate and ozone in Cedar Rapids and particulate and carbon monoxide in Des Moines. The submission was disapproved in part for failure to meet the requirements of Section 173 and was conditionally approved with respect to several requirements.

(28) On October 8, 1979, the Iowa Department of Environmental Quality submitted additional information to support the June 22, 1979, submission.

(29) On November 16, 1979, the Iowa Air Quality Commission submitted additional information and commitments to allow approval or conditional approval of portions of the June 22, 1979, submission.

(30) Nonattainment plan provisions as required by the Clean Air Act Amendments of 1977 were submitted on April 18, 1980, by the Department of Environmental Quality. The submission included amended rule 4.3(2) relating to fugitive dust and amended rule 3.5 relating to particulate matter offsets. The revisions included plans to attain the secondary particulate standards for all areas designated nonattainment as of March 6, 1980. The submission was conditionally approved with respect to several requirements.

(31) The State of Iowa Lead State Implementation Plan was submitted on August 19, 1980 by the Director of the Department of Environmental Quality.

(32) Additional information to support the April 18, 1980 submission was

submitted on September 16, 1980, by the Department of Environmental Quality.

(33) Additional information to support the April 18, 1980 submission was submitted on November 17, 1980, by the Department of Environmental Quality.

(34) A revised Chapter 5, dealing with excess emissions and malfunctions was submitted on December 23, 1980, by the Department of Environmental Quality.

(35) [Reserved]

(36) A letter was submitted dated January 19, 1981 by the Director of the Department of Environmental Quality which provided additional information concerning the Iowa Lead State Implementation Plan.

(37) A variance from 400—4.2(1) of the Iowa Administrative Code for the Iowa Army Ammunition Plant at Middletown, Iowa, was submitted on October 19, 1979 by the Executive Director.

(38) Revisions to Subrule 400—4.3(2)"c" relating to fugitive emissions control and a document describing how this subrule is to be enforced were submitted on June 1, 1981, by the Department of Environmental Quality.

(39) A schedule for studying nontraditional sources of particulate matter and for implementing the results of the studies in the form of control strategies was submitted on June 26, 1981 by the Department of Environmental Quality. (Non-Regulatory).

(40) Revisions to Subrule 400—4.3(2)"b" relating to particulate emissions from fuel burning sources were submitted on July 31, 1981, by the Department of Environmental Quality.

(41) The Iowa Ambient Air Monitoring Strategy was submitted July 15, 1981, by the Department of Environmental Quality (non-regulatory).

(42) A conditional permit containing an alternative emission reduction program for the Progressive Foundry, Inc., of Perry, Iowa, under 400-3.7 and 400-4.6 of the Iowa Administrative Code; and an administrative order setting forth a compliance schedule, were submitted on December 18, 1981, by the Executive Director. The conditional permit specifies particulate emissions not to exceed 16.3 pounds per hour from the gray iron cupola with a process weight rate not to exceed 8534 pounds per hour and specifies the casting shakeout exhaust system shall not exceed 0.05 grains per standard cubic foot nor 12.8 pounds per hour of particulate matter. The compliance schedule specifies a final compliance date of September 1, 1983.

(Secs. 110, 172, 301(a) and 319 of the Clean Air Act (42 U.S.C. 7410, and 7502, and 7601(a), 7619))

[37 FR 10865, May 31, 1972, as amended at 41 FR 43407, Oct. 1, 1976; 42 FR 27893, June 1, 1977; 45 FR 14567, Mar. 6, 1980; 46 FR 17779, Mar. 20, 1981; 46 FR 22372, Apr. 17, 1981; 46 FR 26768, May 15, 1981; 46 FR 51607, Oct. 21, 1981; 46 FR 59974, Dec. 8, 1981; 47 FR 1120, Jan. 12, 1982; 47 FR 9462, Mar. 5, 1982; 47 FR 15583, 15584, Apr. 12, 1982; 47 FR 22533, May 25, 1982]

EFFECTIVE DATE NOTE: At 47 FR 22533, May 25, 1982, paragraph (c)(26a) was added to § 52.820, effective July 26, 1982.

§ 52.821 Classification of regions.

The Iowa plan was evaluated on the basis of the following classification:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Metropolitan Omaha-Council Bluffs Interstate	I	II	III	III	III
Metropolitan Sioux Falls Interstate	II	III	III	III	III
Metropolitan Sioux City Interstate	III	III	III	III	III
Metropolitan Dubuque Interstate	I	III	III	III	III
Metropolitan Quad Cities Interstate	I	III	III	III	III
Burlington-Keokuk Interstate	I	I	III	III	III
Northwest Iowa Intrastate	III	III	III	III	III
North Central Iowa Intrastate	IA	III	III	III	III
Northeast Iowa Intrastate	I	III	III	III	III

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Southwest Iowa Intrastate	III	III	III	III	III
South Central Iowa Intrastate	I	III	III	III	I
Southeast Iowa Intrastate	III	III	III	III	III

[37 FR 10865, May 31, 1972, as amended at 39 FR 16346, May 8, 1974]

§ 52.822 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves Iowa's plan for the attainment and maintenance of the national standards. Further, the Administrator finds the plan satisfies all requirements of Part D, Title I, of the Clean Air Act as amended in 1977, except as noted below.

(Secs. 110 and 301, Clean Air Act, as amended (42 U.S.C. 7410 and 7601))

[45 FR 14567, Mar. 6, 1980, as amended at 46 FR 47546, Sept. 29, 1981]

§ 52.823 Legal authority.

The requirements of Section 173 are not met since statutory authority to prevent construction of sources violating section 173 is not adequate for sources of carbon monoxide in the Des Moines carbon monoxide nonattainment area.

(Secs. 110 and 301, Clean Air Act, as amended (42 U.S.C. 7410 and 7601))

[45 FR 14567, Mar. 6, 1980, as amended at 46 FR 47546, Sept. 29, 1981]

§ 52.824 Extension.

The Administrator hearby extends the date for submission of plans to attain the secondary standard for total suspended particulate matter until July 1, 1980, for the following particulate nonattainment areas, identified by the largest city in the area: Sioux City, Council Bluffs, Fort Dodge, Marshalltown, Des Moines, Waterloo, Cedar Rapids, Davenport, Clinton, Muscatine, Keokuk and Mason City.

[45 FR 14567, Mar. 6, 1980]

§ 52.825 Compliance schedules.

(a) [Reserved]

(b) *Regulation for increments of progress.* (1) Except as provided in paragraph (b)(2) of this section, the owner or operator of any stationary source subject to regulation 4.3.(3)(b), "Rules and Regulations Relating to Air Pollution Control of the Iowa Air Pollution Control Commission" shall, no later than December 31, 1972, submit to the Administrator for approval, a proposed compliance schedule that demonstrates compliance with the applicable regulation as expeditiously as practicable but no later than January 1, 1975. The compliance schedule shall provide for periodic increments of progress towards compliance. The dates for achievement of such increments shall be specified. Increments of progress shall include, but not be limited to: Letting of necessary contract for construction or process changes, if applicable; initiation of construction; completion and start-up of control system; performance tests; and submittal of performance test analysis and results.

(2) Where any such owner or operator demonstrates to the satisfaction of the Administrator that compliance with the applicable regulations will be achieved on or before December 31, 1973, no compliance schedule shall be required.

(3) Any owner or operator who submits a compliance schedule pursuant to this paragraph shall, within 5 days after the deadline for each increment of progress, certify to the Administrator whether or not the required increment of the approved compliance schedule has been met.

(4) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the re-

quirements of this paragraph for the affected source.

(c) The compliance schedules for the sources identified below are approved as revisions to the plan pursuant to § 51.6 and § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

IOWA

Source	Location	Regulation involved	Date adopted	Variance expiration date	Final compliance date
Clinton Engines Corp.: Cupola	Maquoketa	4.4(4)	July 12, 1973	Jan. 1, 1975	Jan. 1, 1975.
Interstate Power Co.:					
(a) Boiler No. 5	Dubuque	4.3(2)b	do	July 13, 1974	June 1, 1975.
(b) Boiler No. 6	do	4.3(2)b	do	do	Do.
Eastern Iowa Light & Power Co.:					
(a) Boiler No. 1	Wilton Junction	4.3(2)b	do	Mar. 31, 1975	Mar. 31, 1975.
(b) Boiler No. 2	do	4.3(2)b	do	do	Do.
Muscatine Power & Water:					
(a) Boilers Nos. 5 and 6	Muscatine	4.3(2)b	June 12, 1975	June 15, 1975	June 15, 1975.
(b) Boiler No. 7	do	4.3(2)b	do	May 15, 1975	May 15, 1975.
Interstate Power Co.: Boiler No. 1.	Clinton	4.3(2)b	Mar. 8, 1973	May 9, 1975	June 1, 1975.
Interstate Power Co.:					
(a) Boiler No. 1	Lansing	4.3(2)b	May 11, 1972	do	Do.
(b) Boiler No. 2	do	4.3(2)b	do	do	Do.
Iowa Light and Power Co.:					
(a) Boilers Nos. 7, 8, and 9	Des Moines	4.3(2)b	July 12, 1973	July 13, 1974	Dec. 1, 1974.
(b) Boiler No. 10	do	4.3(2)b	do	do	July 13, 1974.
(c) Boiler No. 11	do	4.3(2)b	do	June 1, 1974	June 1, 1974.
Clow Corp.: Cupola	Oskaloosa	4.4(4)	do	Oct. 15, 1974	Oct. 15, 1974.
Iowa Southern Utilities Co. (Bridgeport Station).					
(a) Boiler Unit No. 1	Eddyville	4.3(2)b	June 12, 1975	June 1, 1975	June 1, 1975.
(b) Boiler Unit No. 3	do	4.3(2)b	do	do	Do.
Hawkeye Steel Products, Inc.: Cupola 2.	Waterloo	4.4(4)a	July 12, 1973	Jan. 4, 1974	Jan. 4, 1974.
Central Iowa Power Co-op:					
(a) Boiler No. 1	Creston	4.3(2)b	do	Nov. 1, 1973	Nov. 1, 1973.
(b) Boiler No. 2	do	4.3(2)b	do	do	Do.
SSS Gray Iron Casting Corp.: Cupola.	West Burlington	4.4(4)	May 9, 1974	Jan. 31, 1975	Jan. 31, 1975.
Quality Foundry: Cupola	Stockton	4.4(4)	do	do	Do.
Russelloy Foundry: Cupola	Durant	4.4(4)	do	do	Do.
Bartlett & Co. Grain:					
(a) Cyclone	Council Bluffs	4.3(2)c	do	Dec. 31, 1974	Dec. 31, 1974.
(b) Grain Handling	do	4.4(7)	do	do	Do.
Vanice Grain, Inc.:					
(a) Cyclone	do	4.3(2)c	do	Aug. 31, 1974	Aug. 31, 1974.
(b) Grain Handling	do	4.4(7)	do	do	Do.
Bartlett & Co. Grain:					
(a) Cyclone	Sioux City	4.3(2)c	do	Dec. 31, 1974	Dec. 31, 1974.
(b) Grain Handling	do	4.4(7)	do	do	Do.
Arco Dehydrating Co.: Alfalfa Dehydrating Plant.	Lake Park	4.3(2)a	do	July 1, 1975	July 1, 1975.
Clinton Corn Processing Co. Nos. 3 and 4 Coal-fired Raymond feed Dryers.	Clinton	4.4(7)	June 12, 1975	July 31, 1975	July 31, 1975.
Katelman Foundry, Inc.: Foundry cupola.	Council Bluffs	4.3(2) a and d	do	do	Do.
Beerman Bros. Dehy: Alfalfa Dehydrating Plant.	Port Neal	4.3(2)a	do	Apr. 15, 1975	Apr. 15, 1975.
American Pop Corn Co.: Teepee Burner.	Sioux City	4.4(12)	do	Nov. 15, 1974	Nov. 15, 1974.
John Deere Waterloo Tractor Works: Boilers Nos. 6, 7, 8, and 9.	Waterloo	4.3(2)b(2)	do	May 9, 1975	May 30, 1975.
Lehigh Portland Cement Co.:					
(a) Kilns Nos. 1, 2, 3, 4, 5, and 6.	Mason City	4.3(2)a	do	Aug. 15, 1974	Aug. 15, 1974.
(b) Clinker Cooler No. 7	do	4.3(2)a	do	Oct. 10, 1975	June 1, 1975.
Mount Pleasant Municipal Utilities: Boilers Nos. 4 and 5.	Mount Pleasant	4.3(2)b	do	Oct. 15, 1974	Oct. 15, 1974.

IOWA—Continued

Source	Location	Regulation involved	Date adopted	Variance expiration date	Final compliance date
Farmers Mercantile Co.: Cyclone	Red Oak	4.4(7)	do	Oct. 30, 1974	Oct. 30, 1974.
S & H Products, Inc.: Alfalfa Dehydrating Plant.	Audubon	4.3(2)a	do	May 9, 1975	May 31, 1975.
The Hubinger Co.:					
(a) Boiler No. 9	Keokuk	4.3(2)b	Sept. 13, 1973	Nov. 15, 1974	June 1, 1975.
(b) Starch Dryers Nos. 3 and 5.	do	4.4(7)	do	Sept. 1, 1974	Sept. 1, 1974.
(c) A Dryer	do	4.4(7)	do	June 15, 1974	June 15, 1974.
(d) B Dryer	do	4.4(7)	do	Oct. 1, 1974	Oct. 1, 1974.
Keokuk Steel Casting:					
(a) Electric Furnace	do	4.4(5)	Jan. 16, 1974	Jan. 16, 1975	June 1, 1975.
(b) Rotary Screen	do	4.3(2)c	do	do	Do.
(c) Shakeout Area	do	4.3(2)d	do	do	Do.
Midwest Carbide: Carbide Furnace.	do	4.3(2)a	Apr. 20, 1975	May 30, 1975	May 30, 1975.
The Celotex Corp.: Boiler	Dubuque	4.3(2)b	Aug. 16, 1973	Aug. 16, 1974	June 1, 1975.
John Deere Dubuque Tractor Works:					
(a) Cupolas No. 1, 2, 3, & 4	do	4.4(4)	May 10, 1973	May 10, 1974	Dec. 30, 1974.
(b) Oil Core Sand Mixing	do	4.3(2)a	do	do	Aug. 31, 1974.
(c) Resin Sand Coating	do	4.3(2)a	do	do	Do.
R. S. Bacon Verneer Co.: Teepee Burner.	do	4.4(12)	Apr. 11, 1974	June 30, 1974	June 30, 1974.
Tschiggfie Excavating Co.: Asphalt Concrete Plant.	do	4.4(2), 4.3(2)d	Feb. 14, 1974	May 1, 1974	May 1, 1974.
Aluminum Co. of America: A-1 Ingot Plant Holding Furnace.	Davenport	4.3(2)a	Aug. 16, 1973	Aug. 16, 1974	June 30, 1975.
Frank Foundries Corp.: Cupola	do	4.4(4)a	Apr. 11, 1974	Apr. 30, 1974	Apr. 30, 1974.
International Multifoods: Elevator System E-3.	do	4.4(7)	Mar. 8, 1973	Nov. 30, 1974	Nov. 30, 1974.
Clinton Corn Processing Co.:					
(a) Raymond Dryers Nos. 1 and 3.	Clinton	4.4(7)	Oct. 11, 1973	Apr. 15, 1974	Apr. 15, 1974.
(b) Raymond Dryers Nos. 2 and 4.	do	4.4(7)	do	Nov. 15, 1974	Dec. 31, 1974.
(c) Louisville Germ Dryers Nos. 3, 4, 5, 6, 7, 8, 9, 10, 11, 22, 23, 24.	do	4.4(7)	do	June 15, 1974	June 15, 1974.
Sivyer Steel Casting Co.: Shakeout area for furnaces.	Bettendorf	4.3(2)a and d	June 12, 1975	Mar. 31, 1975	Mar. 31, 1975.
Alloy Metal Products, Inc.: Electric Arc Furnace.	Davenport	4.3(2)a, 4.3(2)d	Apr. 11, 1974	July 15, 1974	June 1, 1975.
Grain Processing Corp., flash dryers Nos. 40, 43, and 46.	Muscatine	4.3(2)d, 4.4(6)	Apr. 10, 1975	July 31, 1975	July 31, 1975.
Grain Processing Corp.: Second stage flash dryers Nos. 83 and 84.	do	4.4(6)	June 12, 1975	do	Do.
The Pillsbury Co.: Grain Elevator (Cyclones).	Council Bluffs	4.4(7)	Nov. 15, 1973	Nov. 1, 1974	Nov. 1, 1974.
Sheldon Dehydrating Co.: Alfalfa Dehydrating Plant.	Sheldon	4.3(2)a	Apr. 11, 1974	Aug. 1, 1974	Aug. 1, 1974.
John Deere Waterloo Tractor Works:					
(a) Cupolas Nos. 1, 2, 4, 7, and 8.	Waterloo	4.4(4)a	Dec. 13, 1973	Sept. 30, 1974	Sept. 30, 1974.
(b) Boiler No. 5	do	4.3(2)b(2)	Nov. 15, 1973	Nov. 1, 1973	Apr. 30, 1975.
National Gypsum Co.: Stucco Silos, Screw Conveyors, and Perlite System (Phase III).	Fort Dodge	4.3(2)a	Aug. 16, 1973	June 1, 1974	June 1, 1974.
Green Products Co.: Alfalfa Dehydrating Plant.	Conrad	4.3(2)a	Dec. 13, 1973	Dec. 13, 1974	Apr. 20, 1975.
Iowa Valley Milling Co.: Alfalfa Dehydrating Plant.	West Branch	4.3(2)a	Feb. 14, 1974	Feb. 14, 1975	May 1, 1975.
Carter-Waters Corp.: Kilns	Centerville	4.3(2)a	Aug. 16, 1973	Aug. 16, 1974	June 1, 1975.
Progressive Foundry, Inc.: Cupola.	Perry	4.4(4)	Nov. 16, 1973	Oct. 30, 1974	Oct. 30, 1974.
Central Iowa Power Co-op: Boiler No. 3.	Creston	4.3(2)b	July 12, 1973	July 12, 1974	June 1, 1975.
Cedar Falls Utilities: Boiler No. 6	Cedar Falls	4.3(2)b	Dec. 13, 1973	Apr. 1, 1974	Apr. 1, 1974.

IOWA—Continued

Source	Location	Regulation involved	Date adopted	Variance expiration date	Final compliance date
Corn Belt Power Corp.	Humboldt	4.3(2)b	Aug. 16, 1973	Aug. 16, 1974	Mar. 31, 1975.
Corn Belt Power Cooperative, boiler No. 4.	do	4.3(2)(b)	do	Apr. 30, 1975	Apr. 30, 1975.
Iowa State University:					
(a) Boiler No. 1	Ames	4.3(2)b	Jan. 16, 1974	May 31, 1974	May 31, 1974.
(b) Boiler No. 2	do	4.3(2)b	do	Apr. 30, 1974	Apr. 30, 1974.
(c) Boilers Nos. 3 and 4	do	4.3(2)b	do	May 31, 1974	May 31, 1974.
(d) Boiler No. 5	do	4.3(2)b	do	July 31, 1974	July 31, 1974.
(e) Boiler No. 6	do	4.3(2)b	do	June 30, 1974	June 30, 1974.
Iowa Electric Light & Power Co.:					
(a) Boiler No. 1	Marshalltown	4.3(2)b	Aug. 16, 1973	Aug. 16, 1974	June 1, 1975.
(b) Boiler No. 2	do	4.3(2)b	do	do	Do.
(c) Boiler No. 3	do	4.3(2)b	do	do	Mar. 1, 1975.
Farmers Elevator Co.: Cyclone on feed mill.	Walcott	4.4(6)	Sept. 12, 1974	Dec. 28, 1974	Dec. 28, 1974.
Clinton Corn Processing Co.: Louisville dryers Nos. 12, 13, 14, and 15.	Clinton	4.4(7)	do	Dec. 31, 1974	Dec. 31, 1974.
Delta Asphalt Paving, Inc.: Asphaltic concrete plant.	Crescent	4.4(2)	do	July 1, 1975	July 1, 1975.
Ralston Purina Co.: Bran cleaner.	Iowa Falls	4.4(7)	do	Apr. 18, 1975	Apr. 18, 1975.
Northwestern States Portland Cement Co.:					
(a) Kiln No. 1 baghouse bypass.	Mason City	4.4(3)	do	June 20, 1975	July 18, 1975.
(b) Silo dust vent	do	4.3(2)a	do	do	Do.
(c) No. 5 cement storage vent	do	4.3(2)a	do	do	Do.
Associated Sanitarians, Inc.: Asphaltic concrete plant.	Denison	4.4(2)	do	do	June 30, 1975.
Jack Stanley Co.: Asphaltic concrete plant.	Glenwood	4.4(2)	do	July 1, 1975	July 1, 1975.
Cargill, Inc.:					
(a) Cyclone on head house	Council Bluffs	4.4(6), 4.4(7)	Nov. 14, 1974	June 15, 1975	June 15, 1975.
(b) Cyclone on truck loading	do	4.4(6), 4.4(7)	do	do	Do.
Farmers Union Grain Terminal Association: Cyclones on head house.	Sioux City	4.4(7)	Sept. 12, 1974	July 15, 1975	July 15, 1975.
Deere and Co.: Boiler No. 3	Ottumwa	4.3(2)d	do	Apr. 1, 1975	Apr. 1, 1975.
Central Soya Co., Inc.:					
(a) Tunnel aspiration system	Belmond	4.4(6), 4.4(7)	Nov. 14, 1974	July 31, 1975	July 31, 1975.
(b) Garner bin vents	do	4.4(6), 4.4(7)	do	do	Do.
(c) Bulk meal conveying system.	do	4.4(6), 4.4(7)	do	do	Do.
(d) Upper house aspiration system.	do	4.4(6), 4.4(7)	do	do	Do.
Land O'Lakes:					
(a) Cyclone from legs and belts of elevator.	Fort Dodge	4.4(6), 4.4(7)	do	June 1, 1974	June 1, 1975.
(b) Pod grinder cyclone	do	4.4(6), 4.4(7)	do	do	Do.
(c) Elevator classifier cyclone	do	4.4(6), 4.4(7)	do	do	Do.
Norris Construction Co.: Asphaltic concrete plant No. 261.	Ottumwa	4.4(2)	do	do	Do.
Iowa Steel and Wire Co.: Ladle lancing.	Centerville	4.3(2)a	do	do	Do.
Cessford Construction Co.: Asphaltic concrete plant.	LeGrand	4.4(2)	do	do	Do.
Cessford Construction Co., asphaltic concrete plant No. III.	do	4.4(2)	Apr. 10, 1975	May 15, 1975	May 15, 1975.
Perry Asphalt Co., Inc.: Asphaltic concrete plant.	Perry	4.4(2)	do	do	Do.
Kelsey-Hayes—French & Hecht division: boilers Nos. 1 and 2.	Davenport (Bettendorf).	4.3(2)b	Sept. 12, 1974	July 15, 1975	July 15, 1975.
Eastern Iowa Light & Power Co.: Boilers Nos. 1 and 2.	Wilton Junction	4.3(2)b	Nov. 14, 1974	May 15, 1975	May 15, 1975.
Aluminum Co. of America:					
(a) A-3 ingot plant—rotary barrels.	Davenport	4.3(2)a	do	May 31, 1975	May 31, 1975.

IOWA—Continued

Source	Location	Regulation involved	Date adopted	Variance expiration date	Final compliance date
(b) A-5 ingot plant—skim house.	do	4.3(2)a	do	do	Do.
Iowa Electric Light & Power Co.:					
(a) Boiler No. 3	Iowa Falls	4.3(2)b	Sept. 12, 1974	Jan. 1, 1975	Jan. 1, 1975.
(b) Boiler No. 4	do	4.3(2)b	do	June 30, 1975	June 30, 1975.
The Dexter Co.: Cupola	Fairfield	4.4(4)	Nov. 14, 1974	Dec. 16, 1974	Dec. 16, 1974.
L. Benac & Sons: Cupola	Centerville	4.4(4)	Apr. 10, 1975	June 23, 1975	June 23, 1975.
Newton Foundry Co.: Cupola	Newton	4.4(4)	do	June 15, 1975	June 15, 1975.
Clow Corp.: Cupola	Oskaloosa	4.4(4)	do	Jan. 1, 1975	Jan. 1, 1975.
Hawkeye Chemical Co.:					
(a) Neutralizer	Clinton	4.3(2)a, 4.3(2)d	June 20, 1974	Mar. 14, 1975	May 31, 1975.
(b) Prill tower	do	4.3(2)a, 4.3(2)d	do	do	Do.
(c) Evaporator at prill tower	do	4.3(2)a, 4.3(2)d	do	do	Mar. 15, 1975.
Iowa Electric Light & Power Co	Cedar Rapids				
(1) 6th Street Station, Boilers Nos. 1 and 2.		26.07	Sept. 21, 1973	Note 1	June 1, 1975.
(2) Prairie Creek Station, Boiler No. 4.		26.07	do	do	Feb. 1, 1975.
Cargill Corn Starch & Syrup Co., 16th St., SE. Plant:	Cedar Rapids				
(a) Germ aspiration system		26.09	Dec. 21, 1973	do	July 1, 1974.
(b) Aspiration system in mill-house.		26.09	do	do	Do.
(c) Starch storage bins Nos. 7 and 8.		26.09	do	do	Apr. 1, 1974.
(d) HCl storage tank vent		26.09	do	do	Oct. 1, 1974.
(e) Fiber dryer		26.09	do	do	June 15, 1974.
(f) Gluten dryer		26.09	do	do	Do.
(g) P and S dryers Nos. 1 and 2.		26.09	do	do	Oct. 1, 1974.
Cargill, Inc	Cedar Rapids				
(1) 411 6th St., N.E Plant:					
(a) Extraction feed aspiration.		26.09	Jan. 2, 1974	do	Mar. 1, 1975.
(b) Rail meal loading		26.09	do	do	July 30, 1975.
(2) 1010 10th Ave., SW. Plant:					
(a) Soybean conditioning cyclone.		26.09	Dec. 27, 1973	do	July 1, 1975.
(b) Hull grinding cyclone		26.09	do	do	Do.
Penick and Ford, Ltd	Cedar Rapids				
(a) Heil dryer		26.09	Dec. 21, 1973	do	Sept. 30, 1974.
(b) Dustex dust collector		26.09	do	do	Aug. 31, 1974.
(c) Heil dryer pickup ring dust collector.		26.09	do	do	Sept. 30, 1974.
(d) No. 3 blender dust collector.		26.09	do	do	Apr. 30, 1974.
Diamond V Mills, Inc	Cedar Rapids				
(a) Yeast culture (S-1)		26.09	Dec. 21, 1973	do	Oct. 31, 1974.
(b) Grain storage bin (S-2)		26.09	do	do	Do.
(c) Grain storage bin (S-5)		26.09	do	do	Do.
(d) Yeast culture (S-7)		26.09	do	do	Do.
(e) Yeast load-out (S-8)		26.09	do	do	Mar. 31, 1974.
(f) Yeast load-out (S-9)		26.09	do	do	Do.
(g) Railroad unloading pit (S-10).		26.09	do	do	Apr. 30, 1974.
National Oats Co	Cedar Rapids				
(a) Building H:					
(1) General suction system (S-52).		26.09	Dec. 26, 1973	do	Aug. 31, 1974.
(2) Cooler (S-53)		26.09	do	do	Do.
(3) Aspiration System (S-55).		26.09	do	do	Do.
(b) Building A: (1) Aspiration system GA (S-20, 27, 28, 29, 35, 36, 37, 38, and 39).		26.09	do	do	Do.
(c) Building A:					
(1) Forsberg separators (S-8 and S-47).		26.09	do	do	Nov. 30, 1974.

IOWA—Continued

Source	Location	Regulation involved	Date adopted	Variance expiration date	Final compliance date
(2) Aspiration system 4A (S-24).		26.09	do	do	Do.
(3) Aspiration system 6A (S-45).		26.09	do	do	Do.
(d) Building A:					
(1) Aspiration system 6A (S-7-1).		26.09	do	do	June 30, 1975.
(2) Suction systems (S-12-1 and 12-3).		26.09	do	do	Do.
(3) Aspiration system (S-12-4).		26.09	do	do	Do.
(e) Building H:					
(1) Huller (S-12)		26.09	do	do	July 31, 1975.
(2) Midds recycle cyclone (S-11-1).		26.09	do	do	Do.
(f) Building G: (1) Forsberg separators (S-55 and S-56).		26.09	do	do	Do.
(g) Building A:					
(1) Indented cylinder separator (S-12).		26.09	do	do	Do.
(2) Separating tables (S-11)		26.09	do	do	Do.
(3) Aspiration system (S-10)		26.09	do	do	Do.
Burget Mills	Altoona				
Corn Dryer		5-23	June 20, 1974	Note 2	Dec. 31, 1974.
Ankeny Concrete Block, Inc	Ankeny				
Cement Storage Silos		5-16(L)	June 20, 1974	Note 2	Aug. 31, 1974.
Midwest Concrete Co	West Des Moines.				
Cement Storage Silos		5-16(L)	June 20, 1974	Note 2	Jan. 1, 1975.
Penn-Dixie Industries, Inc.	West Des Moines.				
Clinker Cooler No. 7		5-15	June 20, 1974	Note 2	Dec. 30, 1974.
Can-Tex Industries	Des Moines				
Clay Pipe Plant		5-23 5-24	June 20, 1974	Note 2	Jan. 1, 1975.
J. C. White Concrete Co	Des Moines				
(a) Main Plant No. 2:					
(1) Cement storage silos		3B-16(L)	June 20, 1974	Note 3	Dec. 31, 1974.
(2) Truck charging point		3B-16(L)	do	do	Do.
(b) Plant 2A		3B-16(L)	do	do	Do.
(c) Plant No. 3		3B-16(L)	do	do	Do.
Mid-America Dairymen, Inc.	Des Moines				
Milk Dryer System		3B-15	June 20, 1974	Note 3	Do.
St. Regis Paper Co	Des Moines				
Cement storage silos		3B-16(L)	June 20, 1974	Note 3	Aug. 15, 1975.
Scoville Manufacturing Co., caradco window and door division, grinding system (item No. 3).	Dubuque	4.3(2)a	Nov. 14, 1974	June 30, 1975	June 30, 1975.
Katelman Foundry, Inc., Cupola	Council Bluffs	4.4(4)	Feb. 13, 1975	Mar. 13, 1975	Mar. 13, 1975.
Armour & Co. (the Greyhound Corp.), boilers Nos. 1, 3, 4, and 5.	Mason City	4.3(2)b	do	July 31, 1975	July 31, 1975.
Headford Brothers & Hitchins Foundry Co., cupola.	Waterloo	4.4(4)	Aug. 8, 1974	June 1, 1975	June 1, 1975.
Green Products Co., alfalfa dehydrating plant.	Conrad	4.3(2)a	Feb. 13, 1975	May 1, 1975	May 1, 1975.
Gra-Iron Foundry Corp.: Foundry cupola.	Marshalltown	4.4(4)	June 12, 1975	June 30, 1975	June 30, 1975.
Progressive Foundry, Inc., cupola.	Perry	4.4(4)	do	Apr. 23, 1975	Apr. 23, 1975.
Farmers Mutual Cooperative Co., cyclone on headhouse.	Alton	4.4(6)	do	June 15, 1975	June 15, 1975.
Wapsie Valley Creamery, Inc., whey spray dryer.	Independence	4.3(2)a	do	July 29, 1975	July 29, 1975.
Houdaille Industries, Inc., viking pump division, sand silo.	Cedar Falls	4.3(2)a	do	June 3, 1975	June 3, 1975.
Rohlin Construction Co., asphaltic concrete plant D.	LaPorte	4.4(2)	do	May 20, 1975	May 20, 1975.

IOWA—Continued

Source	Location	Regulation involved	Date adopted	Variance expiration date	Final compliance date
Spencer Municipal Hospital, incinerator.	Spencer	4.4(2)	do	July 31, 1975	July 31, 1975.
Norris Construction Co., asphaltic concrete plant No. 250.	Ottumwa	4.4(2)	do	May 16, 1975	May 16, 1975.
Iowa Road Builders Co., asphaltic concrete plant.	Ames	4.4(2)	do	July 31, 1975	July 31, 1975.
Cessford Construction Co., asphaltic concrete plant No. 1.	LeGrand	4.4(2)	do	Apr. 15, 1975	Apr. 15, 1975.
White Farm Equipment Co., electric arc furnace.	Charles City	4.4(5)	April 10, 1975	June 15, 1975	June 15, 1975.
Iowa Machine Works & Foundry, cupola.	Clinton	4.4(4)	do	July 31, 1975	July 31, 1975.
Hawkeye Elevator Co., cyclones on grain elevator.	Council Bluffs	4.4(7)	do	July 1, 1975	July 1, 1975.
Highway Surfacers, Inc., asphaltic concrete plant No. 848.	New Hampton	4.4(2)	do	July 15, 1975	July 15, 1975.
Associated Milk Producers, Inc., Maquoketa Valley Cooperative, milk spray dryer.	Arlington	4.3(2)a	do	June 1, 1975	June 1, 1975.
Highway Surfacers, Inc., asphaltic concrete plant No. 102.	Floyd	4.4(2)	do	July 15, 1975	July 15, 1975.
Boone Valley Cooperative, soybean meal dryer.	Eagle Grove	4.4(6)	do	July 31, 1975	July 31, 1975.
Farmers Cooperative Co., feed grinder cyclone.	Pocahontas	4.4(6)	do	July 10, 1975	July 10, 1975.
Judd Brown Construction Co.: Turbulent mass asphalt plant.	Forest City	4.4(2)	June 12, 1975	June 30, 1975	June 30, 1975.
Marquette Cement Manufacturing Co.:					
Clinker cooler discharge	Des Moines	4.3(2)a	do	May 30, 1975	May 30, 1975.
Storage silo vents	do	4.3(2)a	do	do	Do.
Duke Ready-Mix, Inc.: Concrete batching plant.	do	4.4(11)	do	June 1, 1975	June 1, 1975.
Hawkeye Chemical Co.: Prill tower and prill tower evaporator.	Clinton	4.3(2)a and d.	do	July 31, 1975	July 31, 1975.
Inland Mills Co. (Division of ADM Milling Co.):					
System C	Des Moines	4.4(7)	do	June 15, 1975	June 15, 1975.
Systems A and B	do	4.4(7)	do	May 1,1975	May 1, 1975.
The Pillsbury Co. (Grain Division): Cyclones.	Council Bluffs	4.4(7)	do	do	Do.
Scoular-Welsh Grain Co.: Cyclone and grain handling.	do	4.4(7)	do	May 30, 1975	May 30, 1975.
Talbot-Carlson, Inc	Audubon	4.4(6)	do	May 1, 1975	May 1, 1975.
Avoca Alfalfa Milling Co.: Alfalfa dehydrating.	Avoca	4.3(2)a	do	May 15, 1975	May 15, 1975.
Farmers Cooperative Co.: Grain storage silo vents.	Hinton	4.4(6)	do	do	Do.
Wertz Feed Products, Inc.: Feed mill cyclones.	Sioux City	4.4(6)	do	do	Do.
The Dexter Co.: Foundry cupola	Fairfield	4.4(4)	do	July 1, 1975	July 1, 1975.
Norris Construction Co.: Asphalt Plant No. 261.	Mount Pleasant	4.4(2)	do	May 15, 1975	May 15, 1975.
The Greyhound Corp. (Division of Armour & Co.): Boilers 1, 3, 4, and 5.	Mason City	4.3(2)b	do	July 31, 1975	July 31, 1975.
Iowa Army Ammunition Plant (explosive waste burning).	Middletown, Iowa.	400—4.2(1)	June 14, 1979	Dec. 31, 1981	Dec. 31, 1981.
Iowa Army Ammunition Plant (explosive contaminated waste burning).	do	do	do	Feb. 28, 1982	Feb. 1982.
Progressive Foundry, Inc., cupola and casting shakeout area.	Perry	400-4.6	Nov. 6, 1981		Sept. 1, 1983.

NOTE 1: Linn County Health Department does not issue variances if source(s) is on an approvable compliance schedule.

NOTE 2: Polk County Department of Health does not issue variances if source(s) is on an accepted and approved compliance schedule.

NOTE 3: City of Des Moines, Department of Public Health does not issue variances if source(s) is on an accepted and approved compliance schedule.

(Secs. 110 and 301, Clean Air Act, as amended (42 U.S.C. 7410 and 7601))

[37 FR 10865, May 31, 1972, as amended at 37 FR 19809, Sept. 22, 1972; 39 FR 30835, Aug. 26, 1974; 40 FR 4271, 4272, Jan. 29, 1975; 40 FR 12509, Mar. 19, 1975; 40 FR 15829, Apr. 8, 1975; 40 FR 21726, May 19, 1975; 40 FR 23746, June 2, 1975; 40 FR 33453, Aug. 8, 1975; 40 FR 43215, Sept. 19, 1975; 46 FR 51607, Oct. 21, 1981; 47 FR 15584, Apr. 12, 1982]

§ 52.826 Conditions of approval.

Various portions of the Iowa State Implementation Plan where there are minor deficiencies have been approved subject to the submission of additional material. These conditional approvals are granted only with respect to Part D requirements. The conditions include that approvable material be submitted by a certain date. If there is no submission, EPA will publish a FEDERAL REGISTER notice announcing that the conditional approval is withdrawn, the plan is disapproved and the Section 110(a)(2)(i) growth restrictions are in effect. If material is submitted EPA will publish a notice extending the conditional approval period until a determination of approvability has been made. At that time the plan will be finally approved or disapproved.

(a)—(c) [Reserved]

(d) Secondary standard attainment date. The state must submit by December 31 1981, a reanalysis of the attainment date for the secondary particulate standard based on the results of studies of non-traditional sources and control techniques, for the four areas designated nonattainment for primary particulate standard as of March 6, 1980.

(Secs. 110, 172 and 301 of the Clean Air Act as amended (42 U.S.C. 7410, 7502, and 7601))

[45 FR 14567, Mar. 6, 1980, as amended at 46 FR 22372, Apr. 17, 1981; 46 FR 47546, Sept. 29, 1981; 46 FR 59974, Dec. 8, 1981; 47 FR 9462, Mar. 5, 1982]

§ 52.827 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Iowa's plan, except where noted. Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.827 (1978).

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Metropolitan Omaha, Council Bluffs Interstate:							
a. Council Bluffs	a	e	b	a	c	c	c
b. Remainder of AQCR	a	a	b	a	c	c	c
Metropolitan Sioux Falls Interstate	b	a	c	c	c	c	c
Metropolitan Sioux City Interstate:							
a. Sioux City	b	e	c	c	c	c	c
b. Remainder of AQCR	b	a	c	c	c	c	c
Metropolitan Dubuque Interstate:							
a. Dubuque	a	a	d	d	c	c	c
b. Remainder of AQCR	a	a	c	c	c	c	c
Metropolitan Quad Cities Interstate:							
a. Davenport	d	f	c	c	c	c	c
b. Clinton	a	e	c	c	c	c	c
c. Muscatine	a	e	c	c	c	c	c
d. Remainder of AQCR	a	a	c	c	c	c	c
Burlington-Keokuk Interstate:							
a. Keokuk	a	e	a	a	c	c	c
b. Remainder of AQCR	a	a	a	a	c	c	c
Northwest Iowa Intrastate	c	c	c	c	c	c	c

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
North Central Iowa Intrastate:							
a. Fort Dodge	*a*	e	c	c	c	c	c
b. Mason City	d	f	c	c	c	c	c
c. Remainder of AQCR	*a*	*a*	c	c	c	c	c
Northeast Iowa Intrastate:							
a. Cedar Rapids	d	f	c	c	c	c	c
b. Waterloo	*a*	e	c	c	c	c	c
c. Remainder of AQCR	*a*	*a*	c	c	c	c	c
Southwest Iowa Intrastate	c	c	c	c	c	c	c
South Central Iowa Intrastate:							
a. Des Moines	d	f	c	c	c	d	*a*
b. Marshalltown	*a*	e	c	c	c	c	*a*
c. Remainder of AQCR	*a*	*a*	c	c	c	c	*a*
Southeast Iowa Intrastate	c	c	c	c	c	c	c

NOTE: Dates of footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

a. July 1975.
b. Air quality levels presently below primary standards.
c. Air quality levels presently below secondary standards.
d. December 31, 1982.
e. January 1, 1985.
f. January 1, 1995.

(Secs. 110, 172 and 301 of the Clean Air Act as amended (42 U.S.C. 7410, 7502, and 7601))

[46 FR 22372, Apr. 24, 1981, as amended at 46 FR 47546, Sept. 29, 1981]

§ 52.828 Enforcement.

(a) Sections 23(1)(b) and 13(7) of Senate File 85, Division II for Iowa are disapproved insofar as they permit the Air Quality Commission of the Iowa Department of Environmental Quality to issue abatement orders (1) that defer compliance with plan requirements beyond the dates required for attainment of the national standards, (2) without the approval of the Administrator, and (3) for reasons not permitted by the Clean Air Act.

(b) Regulation limiting administrative abatement orders:

(1) No order deferring compliance with a requirement of the Iowa Implementation Plan shall be issued by the Air Quality Commission of the Iowa Department of Environmental Quality which does not meet the following requirements:

(i) An order must require compliance with the plan requirement within the times and under the conditions specified in § 51.15(b) (1) and (2) of this chapter.

(ii) An order may not defer compliance beyond the last date permitted by section 110 of the Act for attainment of the national standard which the plan implements unless the procedures and conditions set forth in section 110(f) of the Act are met.

(iii) An order shall not be effective until it has been submitted to and approved by the Administrator in accordance with §§ 51.6, 51.8, 51.15(b) and (c), and, if applicable, 51.32 (a) through (e) of this chapter.

(2) Notwithstanding the limitations of paragraph (b)(1)(ii) of this section, an order may be granted which provides for compliance beyond the statutory attainment date for a national standard where compliance is not possible because of breakdowns or malfunctions of equipment, acts of God, or other unavoidable occurrences. However, such order may not defer compliance for more than three (3) months unless the procedures and conditions set forth in section 110(f) of the Act are met.

[38 FR 30877, Nov. 8, 1973]

§ 52.829 Review of new sources and modifications.

Approval of the preconstruction review program will no longer be in effect after December 31, 1980, if the state has not submitted a regulation providing for preconstruction review.

[45 FR 14568, Mar. 6, 1980]

§§ 52.830—52.831 [Reserved]

§ 52.832 Maintenance of national standards.

(a) The areas listed below which were identified by the State of Iowa are hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violation of the specified air quality standards within ten years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857(f) geographically located within the outermost boundaries of the area so delimited.

(1) Cedar Rapids Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Linn County.

(2) Des Moines Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Carbon monoxide and particulate matter.

(ii) Geographical composition of area:

Polk County.

(3) Dubuque Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Dubuque County.

(4) Omaha-Council Bluffs Interstate Air Quality Maintenance Area (Iowa portion).

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Pottawattamie County.

(5) Davenport Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Scott County.

(6) Waterloo Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Black Hawk County.

[40 FR 23753, June 2, 1975]

§ 52.833 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Iowa.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart R—Kansas

§ 52.870 Identification of plan.

(a) Title of plan: "State of Kansas Implementation Plan for the Attainment and Maintenance of National Air Quality Standards."

(b) The plan was officially submitted on January 31, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Various comments on the plan in response to the Regions review were submitted on March 24, 1972, by the State Department of Health. (Non-regulatory)

(2) The Emergency Episode Operations/Communications Manual for the Kansas City Interstate AQCR was submitted on April 6, 1972, by the

State Department of Health. (Non-regulatory)

(3) Emergency Episode Operations/ Communications Manual for all Kansas Intrastate AQCR's was submitted on February 15, 1973, by the State Department of Health. (Non-regulatory)

(4) Revisions of sections 28-19-6 through 15, 20-24, 30-32, 40-47, 50-52 and 55-58 of the State air pollution control regulations were submitted by the State Department of Health on April 17, 1973.

(5) Letter from the Governor, dated May 29, 1973, concerning the attainment of CO emission standards. (Non-regulatory)

(6) An amendment to the State air quality control law, Senate Bill No. 30, dealing with public access to emission data was submitted on July 27, 1973, by the Governor.

(7) Revisions of Sections 28-19-8, 9, 14, 22, 25 and and 47 of the State air pollution control regulations were submitted on February 6, 1974, by the Governor.

(8) Copy of the State's analysis and recommendations concerning the designation of Air Quality Maintenance Areas was submitted by letter from the State Department of Health on February 28, 1974. (Non-regulatory)

(9) Kansas submitted State Implementation Plan (SIP) revisions to attain the National Ambient Air Quality Standards on September 17, 1979 for Wyandotte and Johnson Counties, on October 22, 1979 for Douglas County, and on March 10, 1980 for Kansas City of the state designated nonattainment areas under Section 107 of the Clean Air Act as amended in 1977. On September 22 and 25, 1980, the state submitted revised regulations on the control of volatile organic compounds and a regulation on the new source permit review program. Included in the plan are the following approved state air pollution control regulations:

(i) The VOC regulations which EPA approved as RACT: 28-19-61 Definitions, 28-19-62 Testing Procedures, 28-19-63 Automobile and Light Duty Trunk Surface Coating, 28-19-65 Petroleum Liquid Storage Tanks, 28-19-66 Petroleum Liquid Storage in External Floating Roof Tanks, 28-19-67 Petroleum Refineries, 28-19-68 Leaks from Petroleum Refinery Equipment, 28-19-69 Cutback Asphalt.

(ii) The New Source Permit Review regulation 28-19-16 through 16m which EPA conditionally approved as meeting the requirements of sections 172(b)(6); 172(b)(11)(A), and 173.

(iii) The Kansas City-Wyandotte County air pollution control regulations which have been adopted by both the Kansas City, Kansas Board of City Commissioners and the Wyandotte County Board of County Commissioners:

2A-1 Jurisdiction, 2A-2 Purpose, 2A-3 Definitions, 2A-4 Powers of the Board, 2A-5 Facts and Circumstances Pertinent to Orders of Joint Board, 2A-6 Right of Entry for Inspection, 2A-7 Time for Compliance Schedule, 2A-8 Variance, 2A-9 Circumvention of Chapter or Regulations, 2A-10 Air Pollution Nuisances Prohibited; Additional Emission Restrictions; Interference with the Enjoyment of Life and Property, 2A-11 Reserved, 2A-12 Confidential Information, 2A-13 Registration and Permit System; Exemptions, 2A-14 Review of New or Altered Sources, 2A-15 Public Hearings, 2A-16 Installations in which Fuel is Burned, 2A-17 Restriction of Emission of Particulate Matter from Industrial Processes, 2A-18 Open Burning Prohibition, 2A-19 Opacity Requirements, 2A-20 Exceptions Due to Breakdowns or Scheduled Maintenance, 2A-21 Preventing Particulate Matter from Becoming Air-Borne, 2A-22 Measurement of Emissions, 2A-23 Restriction of Emission of Odors, 2A-24 Sulfur Compound Emissions, 2A-24.1 Hydrocarbon Emissions; Stationary Sources, 2A-25 Control of Carbon Monoxide Emissions, 2A-26 Control of Nitrogen Oxide Emissions, 2A-26.1 Incinerators, 2A-27 Air Pollution Emergencies—General Provisions, 2A-28 Air Pollution Emergencies—Episode Criteria, 2A-29 Emission Reduction Requirements, 2A-30 Emergency Episode Plans, 2A-31 Penalties for Violation of Chapter or Air Pollution Control Regulations, and 2A-32 Conflict of Ordinances, Effect Partial Invalidity.

(10) The Kansas State Implementation Plan for lead was submitted on February 17, 1981, by the Governor of Kansas, along with a submittal letter which provided additional information concerning the Kansas State Implementation Plan for lead.

(11) Kansas submitted SIP revisions to attain and maintain the National Ambient Air Quality Standards for

carbon monoxide on April 16, 1981, for the South Central Kansas Interstate Air Quality Control Region, Wichita nonattainment area. The plan included commitments to complete transportation control measures for the reduction of carbon monoxide from transportation related sources for the attainment of the national standards by December 31, 1982.

(12) A plan revision which makes modifications to the existing Kansas air quality surveillance network was submitted by the Kansas Department of Health and Environment on October 16, 1981.

(13) Additional information to correct two plan deficiencies was submitted by the Kansas Department of Health and Environment on May 12, 1981.

Editorial Note: At 47 FR 26388, June 18, 1982, the following paragraph (c)(13) was added to § 52.870, effective July 19, 1982, and will be correctly designated by an EPA document published in the Federal Register at a later date.

(13) Letter and supporting documents submitted on September 15, 1981, from the Director of Air Quality and Occupational Health relating to reasonably available control technology for certain particulate matter sources in the Kansas City, Kansas area.

(d) Plan revisions were submitted on April 17, 1974, and February 17, 1974.

(Secs. 110, 172, 173, and 301 of the Clean Air Act as amended)

[37 FR 10867, May 31, 1972, as amended at 40 FR 15880, Apr. 8, 1975; 41 FR 8960, Mar. 2, 1976; 46 FR 20170, Apr. 3, 1981; 46 FR 51743, Oct. 22, 1981; 46 FR 61118, Dec. 15, 1981; 47 FR 3113, Jan. 22, 1982; 47 FR 8358, Feb. 26, 1982; 47 FR 26388, June 18, 1982]

Effective Date Note: At 47 FR 26388, June 18, 1982, paragraph (c)(13) was added to § 52.870, effective July 19, 1982.

§ 52.871 Classification of regions.

The Kansas plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Metropolitan Kansas City Interstate	I	III	III	I	I
South Central Kansas Intrastate	I	III	III	III	I
Northeast Kansas Intrastate	I	III	III	III	III
Southeast Kansas Intrastate	III	III	III	III	III
North Central Kansas Intrastate	I	III	III	III	III
Northwest Kansas Intrastate	I	III	III	III	III
Southwest Kansas Intrastate	I	III	III	III	III

[37 FR 10867, May 31, 1972]

§ 52.872 [Reserved]

§ 52.873 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Kansas' plan for the attainment and maintenance of the national standards. Continued satisfaction of the requirements of Part D for the ozone, carbon monoxide, and TSP portions of the Kansas SIP depends on the adoption of the regulatory element of the plan as permanent amendments to the Kansas air quality regulations, the adoption of a regulation covering leaks from tank trucks serving bulk petroleum terminals and vapor recovery system, the adoption and submission of additional reasonably available control technology (RACT) requirements for any source covered by Control Technology Guidelines issued by EPA in the future, the revision of the new source review permit regulation to comply with section 173(3) of the CAA, and the submission of the results from additional study of the state's determination that all major sources are controlled to a degree representing RACT and of a compliance schedule for recommended actions to bring these sources to RACT, as needed. No action was taken on the non-Part D requirements of the Act.

(Secs. 110, 172, 173, and 301 of the Clean Air Act as amended)

[37 FR 10867, May 31, 1972, as amended at 46 FR 20170, Apr. 3, 1981; 46 FR 61118, Dec. 15, 1981]

§ 52.874 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met since authority to make emission data available to the public is inadequate. Kansas Statutes Annotated 65-3015 would require confidential treatment if the data related to processes or production unique to the owner or would tend to affect adversely the competitive position of the owner.

(b) The requirements of § 51.11(f) of this chapter are not met since the following deficiencies exist in the local agency legal authority:

(1) *Kansas City, Kans.-Wyandotte County Health Department.* (i) Authority to make emission data available to the public is inadequate because the Kansas Statutes Annotated 65-3016 provides a designated local air quality conservation authority with the same authority as the State (§ 51.11(a)(6) of this chapter).

(2) *Topeka-Shawnee County Health Department.* (i) Authority to make emission data available to the public is inadequate because the Kansas Statutes Annotated 65-3016 provides a designated air quality conservation authority with the same authority as the State (§ 51.11(a)(6) of this chapter).

(3) *Wichita-Sedgwick County Health Department.* (i) Authority to make emission data available to the public is inadequate because the Kansas Statutes Annotated 65-3016 provides a designated local air quality conservation authority with the same authority as the State (§ 51.11(a)(6) of this chapter).

(c) The requirements of § 51.11(a)(4) of this chapter are not met since statutory authority to prevent construction, modification, or operation of a facility, building, structure, or installation, or combination thereof, which indirectly results or may result in emissions of any air pollutant at any location which will prevent the maintenance of a national air quality standard is not adequate.

[37 FR 10867, May 31, 1972, as amended at 39 FR 7281, Feb. 25, 1974]

§ 52.875 General requirements.

(a) *Conditional Approval.* The following portions of the Kansas SIP developed pursuant to Part D of the 1977 CAA contain deficiencies which must be corrected within the time limit indicated for EPA to approve the Part D submission:

(1) To satisfy the requirements to section 172(b)(10), Enforceability of the Regulations, the state must adopt and submit a permanent regulation covering leaks from tank trucks serving bulk petroleum terminals and vapor recovery system by May 1, 1982.

(2) The new source permit review regulation is deficient regarding compliance with the requirements of section 173(3) of the CAA. The state must pass the necessary legislation to allow the regulation to be revised. By July 1, 1981, the state must file the revised regulation with the Revisor of Statutes; so that, the legislature can consider it for permanent adoption during the 1982 session. The revised regulation must be adopted as a permanent amendment to the Kansas air quality regulations by May 1, 1982.

(3) To comply with section 172(b)(2), Reasonably Available Control Measures, Kansas must take the following actions:

(i) Adopt and submit a regulation covering leaks from gasoline tank trucks serving bulk petroleum terminals and vapor recovery system by May 1, 1982. EPA requires the state to file the regulation with the Revisor of Statutes by July 1, 1981, so that, the legislature can consider it for permanent adoption by May 1, 1982.

(ii) Submit additional information by September 1, 1981 on the state's determination that the TSP sources without control equipment which are listed in Appendix DK of the Kansas City TSP plan are applying RACT. With this submission, the state must include a compliance schedule for completing the actions necessary to bring the uncontrolled sources to

RACT as recommended by the additional RACT determination study. The compliance schedule should facilitate Kansas City attaining the TSP primary standard by the December 31, 1982 deadline.

(Secs. 110, 172, 173, and 301 of the Clean Air Act as amended (42 U.S.C. 7410 and 7601(a)))

[46 FR 20170, Apr. 3, 1981, as amended at 46 FR 35090, July 7, 1981; 47 FR 26388, June 18, 1982]

Effective Date Note: At 47 FR 26388, June 18, 1982, paragraph (a)(3)(ii) was removed from § 52.875, effective July 19, 1982.

§ 52.876 Compliance schedules.

(a) The requirements of § 51.15(a) (1) and (2) of this chapter are not met since the plan does not contain legally enforceable compliance schedules setting forth the dates by which all stationary sources or categories of such sources must be in compliance with applicable portions of the control strategy. Paragraphs C and D of Kansas Regulation 28-19-9 specify that all sources not in compliance must submit an acceptable compliance schedule within 120 days after receiving notification from the State. There are no assurances that all sources will be notified by the State in a timely manner, therefore, paragraphs C and D of Regulation 28-19-9 are disapproved.

(b) *Federal compliance schedule.* (1) Except as provided in paragraph (2) of this paragraph (b), the owner or operator of any stationary source subject to any emission regulation which is part of the approved plan shall be in compliance on or before January 31, 1974.

(i) Any owner or operator in compliance with any such applicable regulation on the effective date of this paragraph shall certify such compliance to the Administrator no later than December 31, 1972.

(ii) Any owner or operator who achieves compliance with any such applicable regulation after the effective date of this paragraph shall certify such compliance to the Administrator within 5 days of the date compliance is achieved.

(2) An owner or operator of a stationary source subject to any emission regulation approved by the Administrator may no later than December 31, 1972, submit to the Administrator for approval a proposed compliance schedule that demonstrates compliance with such regulation as expeditiously as practicable, but no later than July 31, 1975. The compliance schedule shall provide for periodic increments of progress toward compliance. The dates for achievement of such increments shall be specified. Increments of progress shall include, but not be limited to: Letting of necessary contracts for construction or process changes, if applicable; initiation of construction; completion and startup of control systems; performance tests; and submittal of performance test analysis and results.

(3) Any owner or operator who submits a compliance schedule pursuant to this paragraph shall, within 5 days after the deadline for each increment of progress, certify to the Administrator whether or not the required increment of the approved compliance schedule has been met.

(4) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(c) *State compliance schedules.* (1) The compliance schedules for the sources identified below are approved as revisions to the plan pursuant to §§ 51.6 and 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

KANSAS

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Oxford Dehydrating Co	Oxford	28-19-20	Sept. 26, 1972	Immediately	Nov. 1, 1974.
National Alfalfa Dehydrating and Milling Co	Grantville	28-19-20	Apr. 5, 1973	do	Aug. 1, 1974.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
	Independence	28-19-20	do	do	Do.
	Leroy	28-19-20	do	do	Do.
R-W Milling Co	Wamego	28-19-20	Apr. 27, 1973	do	Oct. 1, 1974.
Harry M. Liggett Co., Inc	Concordia	28-19-20	Mar. 12, 1973	do	Nov. 1, 1974.
Fredonia Dehydrating & Milling Co.	Fredonia	28-19-20	Mar. 13, 1973	do	Do.
Deitz Hill Development Co.; Primary and secondary crusher.	Kansas City	28-19-20	Dec. 14, 1973	do	Apr. 1, 1975.
Owens-Corning Fiberglas Corp.:					
J-6 forming plan B	do	28-19-20	Apr. 19, 1974	do	July 31, 1975.
J-5 glass furnace	do	28-19-20 28-19-50	Dec. 14, 1973	do	July 1, 1974.
J-5 forming plan B	do	28-19-20	Apr. 19, 1974	do	July 31, 1975.
K-3 forming plan A	do	28-19-20	Dec. 14, 1973	do	Feb. 1, 1974.
K-3 forming plan B	do	28-19-20	Apr. 19, 1974	do	July 31, 1975.
K-4 forming plan A	do	28-19-20	Dec. 14, 1973	do	Feb. 1, 1974.
K-4 forming plan B	do	28-19-20	Apr. 19, 1974	do	July 31, 1975
No. 70 glass furnace	do	28-19-20 28-19-50	do	do	Oct. 31, 1974.
No. 70 forming	do	28-19-20	Dec. 14, 1973	do	July 1, 1975.
No. 71 glass furnace	do	28-19-20	do	do	Apr. 1, 1975.
No. 71 forming	do	28-19-20	do	do	Do.
No. 72 glass furnace	do	28-19-20	do	do	June 1, 1975.
No. 72 forming	do	28-19-20	do	do	Do.
I glass furnace	do	28-19-20	do	do	July 31, 1975.
I oven stack	do	28-19-20	Apr. 19, 1974	do	Sept. 30, 1974.
H glass furnace	do	28-19-20	Dec. 14, 1973	do	Mar. 1, 1975.
Colt Industries: Cupolas Nos. 1 and 2.	do	28-19-20 28-19-50	May 9, 1974	do	Sept. 15, 1974.
U.S. Industrial Chemicals Co.: acid plant.	Desoto	28-19-50	Dec. 14, 1973	do	Do.
Certain-Teed Products Corp.:					
K-2 furnace plan A	Kansas City	28-19-20	do	do	June 1, 1974.
K-2 furnace plan B	do	28-19-20	do	do	Dec. 31, 1974.
K-8 furnace plan A	do	28-19-20 28-19-50	do	do	June 1, 1974.
K-8 furnace plan B	do	28-19-20 28-19-50	Dec. 14, 1973	do	Dec. 31, 1974.
K-2 forming plan A	do	28-19-20	do	do	Dec. 31, 1974.
K-2 forming plan B	do	28-19-20	do	do	June 3, 1974.
K-1 forming area plan A	do	28-19-20	do	do	June 1, 1974.
K-1 forming area plan B	do	29-19-20	do	do	Dec. 31, 1974.
K-8 curing section	do	28-19-20	do	do	July 31, 1975.
Cooperative Farm Chemicals Association:					
No. 2 ammonium nitrate neutralizer and prilling tower.	Lawrence	28-19-20 28-19-50	do	do	July 31, 1975.
No. 1 ammonium nitrate evaporator and prilling tower.	do	28-19-20 28-19-50	do	do	Do.
Ismert-Hincke Milling Co.:					
Hammer mill suction filter	Topeka	28-19-50	do	do	Do.
Wheat unloading pits suction	do	28-19-50	do	do	Do.
Kaw Dehydrating Co.: Alfalfa dehydrator.	Rossville	28-19-20	do	do	June 1, 1974.
Lincoln Grain, Inc.: Grain cleaners.	Atchison	28-19-20	do	do	Apr. 1, 1974.
Mid-American Dairymen, Inc.: Spray dryers.	Sabetha	28-19-20	Apr. 19, 1974	do	Dec. 31, 1974.
Midwest Solvents, Inc.:					
Gluten dryers	Atchison	28-19-20	Dec. 14, 1973	do	June 30, 1974.
Starch dryers	do	28-19-20	do	do	Do.
Animal feed production	do	28-19-20	do	do	Feb. 1, 1974.
N. R. Hamm Quarry:					
Crusher No. 25-1	Perry	28-19-20	do	do	Apr. 1, 1974.
Crusher No. 25-2	do	28-19-20	do	do	Oct. 1, 1974.
Rodney Milling Co.:					
Wheat cleaning suction filter A	Topeka	28-19-50	do	do	June 30, 1974.
Wheat cleaning suction filter B	do	28-19-50	do	do	Aug. 31, 1974.
Wheat cleaning suction filter C	do	28-19-50	do	do	Oct. 31, 1974.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Wheat cleaning suction filter D	do	28-19-50	do	do	Dec. 31, 1974.
Milo mill suction:		28-19-50	do	do	Feb. 28, 1975.
A and B house gallery suction system.	do	28-19-50	do	do	Do.
A and B house tunnel suction system.	do	28-19-50	do	do	June 30, 1975.
C house gallery and tunnel suction system.	do	28-19-50	do	do	July 30, 1975.
Thompson Dehydrating: Alfalfa dehydrator.	Bellevue	28-19-20	Dec. 14, 1974	do	Oct. 1, 1974.
Ransom Memorial Hospital: Incinerator.	Ottawa	28-19-40	Jan. 18, 1974	do	Do.
Gulf and Western Industries: Taylor Forge Division.	Paola	28-19-50	Apr. 19, 1974	do	June 1, 1974.
Elwood USD No. 486: Incinerator.	Elwood	28-19-50C 28-19-50D	Feb. 8, 1974	do	Jan. 1, 1975.
St. Peter and St. Paul High School: Open burning.	Seneca	28-19-45	do	do	July 31, 1975.
Nemaha Valley Schools—USD No. 442: Incinerators (2).		28-19-40C	do	do	Jan. 1, 1975.
Duckwall Stores, Inc.: Alco Store No. 45.	Manhattan	28-19-40	Dec. 14, 1973	do	July 1, 1974.
Bayer Construction Co.: Rock crushing plant.		28-19-20	do	do	Feb. 1, 1974.
C. K. Processing Co., Inc.: Alfalfa dehydrator.	Salina	28-19-20	do	do	July 1, 1974.
Clay Center Dehydrating Co.: Alfalfa dehydrator.	Clay Center	28-19-20	do	do	Oct. 30, 1974.
Gibson Products Co.: Incinerator	Junction City	28-19-40	do	do	July 1, 1974.
Longford Mill Products, Inc.: Alfalfa dehydrator.	Clay Center	28-19-20 28-19-50	do	do	Nov. 15, 1974.
Solomon Electric Supply, Inc.: Open burning.	Solomon	28-19-45	do	do	Feb. 1, 1974.
Wyatt Manufacturing Co., Inc.: Gray iron foundry cupola.	Salina	28-19-20	do	do	May 30, 1974.
R-K Shopper, Inc.: Incinerator	Mankato	28-19-40C 28-19-40D	Feb. 8, 1974	do	Sept. 1, 1974.
Royal Brand Roofing: Roofing machine.	Phillipsburg	28-19-50	Dec. 14, 1973	do	Mar. 1, 1975.
Acme Foundry & Machine Co.: Cupola furnace.	Coffeyville	28-19-20	do	do	Sept. 21, 1974.
Allen County Highway Department:					
Primary crusher and secondary crusher and screening.	Iola	28-19-20	do	do	Apr. 1, 1974.
Central Non-Ferrous, Inc.:					
Sweater furnaces (2)	Fort Scott	28-19-20	do	do	Dec. 1, 1974.
Chlorination Processes (2)	do	28-19-20	do	do	Do.
Walker Products Co., Inc.: Alfalfa dehydrator.	Lincoln	28-19-20	do	do	July 1, 1975.
General Portland, Inc.:					
Rock crushing	Fredonia	28-19-20	Apr. 19, 1974	do	July 15, 1974.
Clinker burning kilns	do	28-19-20	do	do	Aug. 1, 1974.
Gulf Oil Chemicals Co.:					
Nos. 11 and 12 dupond nitric acid units.	Pittsburg	28-19-50	Dec. 14, 1973	do	Jan. 1, 1975.
Nos. 17, 18, and 19 ammonium nitrate.	do	28-19-20	do	do	Mar. 1, 1974.
Neutralizers	do	28-19-50			
Jencast Products: Cupola furnace.	Coffeyville	28-19-20	Dec. 14, 1973	do	July 31, 1975.
Kansas City Power & Light:					
Main boiler	La Cygna	28-19-31B	do	do	May 1, 1975.
Startup boilers	do	28-19-50	do	do	May 1, 1974.
Labette County Highway Department: Secondary crushing and screening.	Oswego	28-19-20	do	do	Oct. 15, 1974.
Longton Dehydrating and Milling Co.: Alfalfa dehydrator.	Longton	28-19-20	do	do	July 1, 1975.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Midwest Minerals, Inc.:					
Plant No. 1 (primary crusher, secondary crusher, tertiary crusher, recrusher, and fines mill).	Girard	28-19-20	do	do	July 1, 1974.
Plant No. 2 (primary crusher, secondary crusher, recrusher, and fines mill.	do	28-19-20	do	do	Do.
Plant No. 3 (primary crusher, secondary crusher, tertiary crusher, recrusher, and fines mill).	do	28-19-20	do	do	Do.
National Alfalfa Dehydrating and Milling Co.: Alfalfa dehydrator.	Fredonia	28-19-20	do	do	July 31, 1975.
Pittsburg & Midway Coal Mining Co.: Coal-fired boilers.	Hallowell	28-19-31	do	do	May 31, 1975.
Sherwin-Williams Co.: Black ash kiln.	Coffeyville	28-19-50	Apr. 19, 1974	do	July 1, 1974.
Western Alfalfa Corp.: Alfalfa dehydrator.	Neodasha	28-19-20	Dec. 14, 1973	do	Aug. 1, 1974.
U.S. Steel-Universal Atlas Cement:					
Clinker kilns (4)	Independence	28-19-20	Feb. 8, 1974	do	May 31, 1974.
Rock dryers (3)	do	28-19-20	do	do	Do.
Mercy Hospital: Incinerator	Fort Scott	28-19-40	do	do	July 31, 1975.
Mr. Z's IGA: Incinerator	Emporia	28-19-40	do	do	Jan. 1, 1975.
Self Service Super Markets: Incinerator.	Chanute	28-19-40	do	do	July 1, 1974.
Sherwin-Williams Co: $ZnSO_4$ spray dryer.	Coffeyville	28-19-50	do	do	Apr. 15, 1974.
Benedict Rock and Lime Co.:					
Primary crusher	Benedict	28-19-20	Jan. 18, 1974	do	July 1, 1974.
Secondary crusher and screening.	do	28-19-20	do	do	Do.
Coffeyville Memorial Hospital: Incinerator.	Coffeyville	28-19-40	do	do	May 1, 1974.
Foodtown Store: Incinerator	Chanute	28-19-40	do	do	Do.
Do	Coffeyville	28-19-40	do	do	Do.
McAdam Construction Co.:					
Primary crusher	Garnett	28-19-20	do	do	July 15, 1974.
Secondary crusher and screening.	do	28-19-20	do	do	Do.
Primary crusher	Mound City	28-19-20	do	do	Do.
Secondary crusher and screening.	do	28-19-20	do	do	Do.
Pence Food Center: Incinerator	Chanute	28-19-40	do	do	Dec. 31, 1974.
Do	Humboldt	28-19-40	do	do	Do.
Unified School District No. 445:					
Garfield Incinerator	Coffeyville	28-19-40	do	do	Sept. 1, 1974.
Longfellow Incinerator	do	28-19-40	do	do	Do.
Edgewood Incinerator	do	28-19-40	do	do	Do.
Town and Country Supermarket (Wilhow Corp.): Incinerator.	Columbus	28-19-40	Apr. 19, 1974	do	May 15, 1974.
Duckwall Stores, Inc.: Alco Discount Store.	Newton	28-19-40	Dec. 14, 1973	do	July 1, 1974.
Bert and Wetta Sales, Inc.: Alfalfa dehydrating.	Maize	28-19-20	do	do	Nov. 1, 1974.
Cargill, Inc.:					
Bean Dryer	Witchita	28-19-20	do	do	June 1, 1975.
Rail Car Unloading Facility	do	28-19-20	do	do	Dec. 1, 1974.
Cities Service Oil Co.: Hydrocarbon Storage Wells.	Hutchinson	28-19-47C	do	do	June 1, 1974.
Colman Alfalfa Milling Co.: Alfalfa dehydrating plant.	Haven	28-19-20 28-19-50	do	do	July 1, 1974.
George M. Myers, Inc.: Portable rockcrushing units.	El Dorado	28-19-20	do	do	May 1, 1974.
International Multi Foods: Hammer milling process.	Hutchinson	28-19-20	do	do	July 15, 1974.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Sunny Kansas Flour Mills:					
Truck unloading pits	Wichita	28-19-20	do	do	June 1, 1975.
Rail car unloading facility	do	28-19-20	do	do	Apr. 1, 1975.
Basement conveying system	do	28-19-20	do	do	June 1, 1974.
Gallery conveying system	do	28-19-20	do	do	May 1, 1974.
Western Alfalfa Corp.: Alfalfa dehydrating plant.	Belle Plaine	28-19-20	do	do	Aug. 1, 1974.
Do	Douglass	28-19-20	do	do	Do.
Do		28-19-20	do	do	July 31, 1975.
Do	Mount Hope	28-19-20	do	do	Do.
Do	Oxford	28-19-20	do	do	Aug. 1, 1974.
Western Grain, Inc.: Elevator Dust Collection System (Receiving Pit, North Gallery Upper Belt, South Gallery Upper Belt, North Gallery Lower Belt, South Gallery Lower Belt).	Wichita	28-19-20	do	do	Sept. 30, 1974.
Far-Mar-Co., Inc.:					
Elevator A—Head house legs	do	28-19-20	do	do	June 15, 1974.
Elevator B—head house legs	do	28-19-20	do	do	Do.
Elevators C and D—head house legs.	do	28-19-20	do	do	Do.
Sam P. Wallingford, Inc.:					
Grain cleaner	do	28-19-20	do	do	June 30, 1974.
Elevator receiving pits	do	28-19-20	do	do	July 1, 1975.
Southwest elevator conveying system.	do	28-19-20	do	do	June 30, 1974.
West elevator conveying system.	do	28-19-20	do	do	Do.
North elevator conveying system.	do	28-19-20	do	do	Do.
East elevator conveying system.	do	28-19-20	do	do	Do.
Collins Grocery: Incinerator	Hutchinson	28-19-40	Jan. 18, 1974	do	June 1, 1974.
Newton Presbyterian Manor: Incinerator.	Newton	28-19-40 28-19-41	do	do	July 1, 1974.
Salem Hospital, Inc.: Incinerator	Hillsboro	28-19-40 28-19-41	do	do	Jan. 1, 1975.
Walter Keeler Co., Inc.:					
Secondary Rock Crusher	Florence	28-19-20	do	do	July 1, 1974.
Fines Mill	do	28-19-20	do	do	Do.
Alamo Chemical Co.: Flare	Richfield	28-19-45	Dec. 14, 1973	do	June 30, 1975.
Amoco Production Co.: Flare	Kinsler	28-19-45	do	do	June 1, 1974.
Do	Ulysses	28-19-45	do	do	Do.
Bert and Wetta Sales, Inc.: Alfalfa dehydrating.	Larned	28-19-20	do	do	May 31, 1975.
Do	Rozel	28-19-20	do	do	Do.
Cities Service Oil Co.: Evaporation lagoons.	Satanta	28-19-45	do	do	June 1, 1974.
Do	Scott City	28-19-45	do	do	Do.
Colorado Interstate Gas Co.: Flare.	Lakin	28-19-45	do	do	Sept 15, 1974.
Mesa Petroleum Co.: Flare pit	Ulysses	28-19-45	do	do	June 1, 1974.
Mesa Petroleum Co.: Flare	do	28-19-45	do	do	Do.
Gold Bond Building Products:					
Raymond mills (3)	Medicine Lodge	28-19-20	do	do	Oct. 1, 1974.
Block grinders (2)	do	28-19-50	do	do	Apr. 1, 1975.
Board end trimming	do	28-19-50	do	do	Do.
Rotary calciners (2)	do	28-19-20	do	do	June 1, 1975.
O.K. Cooperative Grain Co.: Hay and barley milling.	Kiowa	28-19-20	do	do	Jan. 1, 1975.
Western Alfalfa Corp.: Alfalfa dehydrating plant.	Deerfield	28-19-20	do	do	July 31, 1975.
Do	Garden City	28-19-20	do	do	Aug. 1, 1974.
Do	Holcomb	28-19-20	do	do	Do.
Do	Larned	28-19-20	do	do	Do.
Do	Lowe	28-19-20	do	do	Do.
Do	Peterson	28-19-20	do	do	Do.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Do	Tice	28-19-20	do	do	July 1, 1975.
Gardner United Super: Incinerator.	Gardner	28-19-40C 28-19-40D	Apr. 19, 1974	do	May 1, 1975.
U.S.D. No. 458:					
Basehor Elementary School	Basehor	28-19-45	May 9, 1974	do	July 31, 1975.
Basehor Junior High School	do	28-19-45	do	do	Do.
Basehor High School	do	28-19-45	do	do	Do.
Fairmount Elementary School	do	28-19-45	do	do	Do.
Linwood School	do	28-19-45	do	do	Do.
U.S.D. No. 449:					
Easton Grade School	Easton	28-19-45	do	do	Do.
Salt Creek Valley School	do	28-19-45	do	do	Do.
Easton High School	do	28-19-45	do	do	Do.
Board of Education Office	do	28-19-45	do	do	Do.
U.S.D. No. 232:					
DeSoto Senior High School	DeSoto	28-19-45	do	do	Do.
DeSoto Junior High School	do	28-19-45	do	do	Do.
DeSoto Elementary School	do	28-19-45	do	do	Do.
Annex Elementary School	do	28-19-45	do	do	Do.
Sunflower Elementary School	do	28-19-45	do	do	Do.
U.S.D. No. 323: Open burning	Westmoreland	28-19-45	Apr. 19, 1974	do	Do.
U.S.D. No. 329: Open burning	Alma	28-19-45	do	do	Do.
U.S.D. No. 330: Open burning	Eskridge	28-19-45	do	do	Do.
U.S.D. No. 335: Open burning	Holton	28-19-45	do	do	Do.
U.S.D. No. 336: Open burning	do	28-19-45	do	do	Do.
U.S.D. No. 377: Open burning	Effingham	28-19-45	do	do	Do.
Walt's IGA Store: Open burning	Onaga	28-19-45	do	do	Do
Buildex, Inc.: Four kilns	Ottawa	28-19-50	Dec. 14, 1974	do	June 1, 1975.
U.S.D. No. 510: Elementary and high school.	Powhatten	28-19-45	May 9, 1974	do	July 31, 1975.
U.S.D. No. 498:					
Valley Heights Elementary (Blue Rapids).	Waterville	28-19-45	do	do	Jan. 1, 1975.
Valley Heights Elementary (Waterville).	do	28-19-45	do	do	Do.
Valley Heights High School (Blue Rapids).	do	28-19-45	do	do	Do.
U.S.D. No. 488:					
Axtell Attendance Center	Axtell	28-19-45	do	do	July 31, 1975.
Bern Attendance Center	do	28-19-45	do	do	Do.
Summerfield Attendance Center.	do	28-19-45	do	do	Do.
U.S.D. No. 421: Vassar Attendance Center.	Lyndon	28-19-45	do	do	Do.
U.S.D. No. 416:					
Louisburg Elementary School	Louisburg	28-19-45	do	do	Do.
Louisburg High School	do	28-19-45	do	do	Do.
Circle Grove Elementary School.	do	28-19-45	do	do	Do.
Bucyrus Elementary School	do	28-19-45	do	do	Do.
U.S.D. No. 321:					
Delia Elementary Atten- dance Center.	St. Mary's	28-19-45	do	do	Do.
Emmett Elementary Attendance Center.	do	28-19-45	do	do	Do.
U.S.D. No. 287:					
Appanoose School	Pomona	28-19-45	do	do	Do.
Pomona Elementary School	do	28-19-45	do	do	Do.
Pomona Secondary School	do	28-19-45	do	do	Do.
Williamsburg School	do	28-19-45	do	do	Do.
Plainville Rural Hospital: Incinerator.	Plainville	28-19-40	do	do	July 1, 1975.
Graham County Hospital: Incinerator.	Hill City	28-19-40	do	do	Do.
Cities Service Oil (Cheney):					
Emergency flare	Kingman County	28-19-47C	Mar. 8, 1974	do	July 1, 1974.
Oil-water separator	do	28-19-45	do	do	Do.
Cities Service Oil (Midway):					
Emergency flare	do	28-19-47C	do	do	Do.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Oil-water separator	......do	28-19-45	......do	......do	Do.
Nelson Quarries, Inc.:					
Lebo No. 1 Rock Crusher	La Harpe	28-19-20	Apr. 19, 1974	......do	Oct. 31, 1974.
Indian Creek No. 2 Rock Crusher.	......do	28-19-20	......do	......do	Apr. 30, 1975.
Moran No. 3 Rock Crusher	......do	28-19-20	......do	......do	July 31, 1975.
Osborne Grain Co.: Grain cleaner.	Gridley	28-19-20	May 9, 1974	......do	July 1, 1974.
Eureka Alfalfa Processors: Alfalfa dehydrator.	Eureka	28-19-20	......do	......do	June 1, 1975.
U.S.D. No. 250:					
Senior High Athletic Field: Incinerator.	Pittsburgs	28-19-40	Apr. 19, 1974	......do	Oct. 1, 1974.
Roosevelt Junior High Athletic Field: Incinerator.	......do	28-19-40	......do	......do	Do.
Board of Education Bldg.: Incinerator.	......do	28-19-40	......do	......do	Do.
Eugene Field Elementary School: Incinerator.	......do	28-19-40	......do	......do	Do.
Lone Star School: Incinerator	......do	28-19-40	......do	......do	Do.
Senior High and Roosevelt Junior High School: Incinerator.	......do	28-19-40	......do	......do	Do.
Lakeside Elementary and Junior High: Incinerator.	......do	28-19-40	......do	......do	Do.
Lincoln Elementary School: Incinerator.	......do	28-19-40	......do	......do	Do.
Maintenance Bldg.: Incinerator	......do	28-19-40	......do	......do	Do.
George E. Nettles Elementary School: Incinerator.	......do	28-19-40	......do	......do	Do.
Vocational-technical School Incinerator.	......do	28-19-40	......do	......do	Do.
Washington Elementary School: Incinerator.	......do	28-19-40	......do	......do	Do.
Westwide Elementary School: Incinerator.	......do	28-19-40	......do	......do	Do.
Hardee's of Wichita:					
Charbroiler—5207 East Kellogg.	Wichita	28-19-50B	......do	......do	May 15, 1974.
Charbroiler—201 East Douglas	......do	28-19-50B	......do	......do	Do.
Charbroiler—2420 East Douglas.	......do	28-19-50B-	......do	......do	Do.
Charbroiler—3006 South Seneca.	......do	28-19-50B	......do	......do	Do.
Charbroiler—1909 East Pawnee.	......do	28-19-50B	......do	......do	Do.
Cities Service Gas Co.: Compressor station incinerator.	Matfield Green	28-19-40	May 9, 1974	......do	Aug. 1, 1974.
U.S.D. No. 356:					
Kyle Trueblood Elementary School.	Conway Springs	28-19-45	......do	......do	June 1, 1975.
Conway Springs Junior-Senior High School.	......do	28-19-45	......do	......do	Do.
U.S.D. No. 263:					
Bloomenshine Grade School: Incinerator.	Mulvane	28-19-40	......do	......do	May 1, 1975.
Munson Primary School: Incinerator.	......do	28-19-40	......do	......do	Do.
Mulvane Junior High: Incinerator.	......do	28-19-40	......do	......do	Do.
Mulvane Senior High: Incinerator.	......do	28-19-40	......do	......do	Do.
U.S.D. No. 445:					
SEK Vo-Tech: Incinerator	Coffeyville	28-19-40	......do	......do	Sept. 1, 1974.
Cedar Bluff School: Incinerator	......do	28-19-40	......do	......do	Do.
McKinley School: Incinerator	......do	28-19-40	......do	......do	Do.
Clymore School: Incinerator	......do	28-19-40	......do	......do	Do.
Dearing School: Incinerator	......do	28-19-40	......do	......do	Do.
Liberty School: Incinerator	......do	28-19-40	......do	......do	Do.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Lowell School: Incinerator	do	28-19-40	do	do	Do.
Whittier School: Incinerator	do	28-19-40	do	do	Do.
U.S.D. No. 507:					
Satanta High School	Satanta	28-19-45	do	do	July 1, 1975
Satanta Grade School	do	28-19-45	do	do	Do.
U.S.D. No. 363: School Farm Pit	Holcomb	28-19-45	do	do	July 31, 1975.
Hodgeman County Health Center: Incinerator.	Jetmore	28-19-31C	do	do	Do.
Northern Natural Gas Co.: Flare pit.	Holcomb	28-19-45	do	do	Dec. 1, 1974.
Gardner United Super: Incinerator.	Gardner	28-19-40C 28-19-40D	Apr. 19, 1974	do	May 1, 1975.
Dooley and Co.: Alfalfa dehydrator.	Lansing	28-19-20	Mar. 8, 1974	do	Do.
St. Joseph's Catholic Grade School: Incinerator.	Overland Park	28-19-40D 28-19-40C	do	do	July 31, 1975.
Van's Food Center: Incinerator	Shawnee	28-19-40D	do	do	Do.
		28-19-40C	Feb. 8, 1974		Sept. 1, 1974.
S-G Metals Industries, Inc.: Aluminum furnaces 1-7.	Kansas City	28-19-20 28-19-50	May 18, 1974	do	Aug. 31, 1974.
Community Hospital: Incinerator	Onaga	28-19-40D 28-19-40C	Mar. 8, 1974	do	Jan. 31, 1975.
U.S.D. No. 364: Open burning	Marysville	28-19-45	do	do	Jan. 1, 1975.
U.S.D. No. 430: Open burning	Horton	28-19-45	do	do	July 1, 1974.
U.S.D. No. 248:					
Girard High School: Incinerator.	Girard	28-19-45	do	do	Do
Emerson Elementary School: Incinerator.	do	28-19-45	do	do	Do.
Greenbush Elementary School: Incinerator.	do	28-19-45	do	do	Do.
Hepler Elementary School: Incinerator.	do	28-19-45	do	do	Do.
Lowell Elementary School: Incinerator.	do	28-19-45	do	do	Do.
Walnut Elementary School: Incinerator.	do	28-19-45	do	do	Do.
Cities Service Oil (Cheney):					
Emergency flare	Kingman County	28-19-47C	do	do	Do.
Oil-water separator	do	28-19-45	do	do	Do.
Cities Service Oil (Midway):					
Emergency flare	do	28-19-47C	do	do	Do.
Oil-water separator	do	28-19-45	do	do	Do.
Grant County Road Department: Asphalt plant.	Ulysses	28-19-20	do	do	July 15, 1974.
Cullor Limestone Co., Inc.:					
Primary crushers (2)	Fort Scott	28-19-20	do	do	July 1, 1974.
Secondary crushers (2)	do	28-19-20	do	do	Do.
Tertiary crushers (2)	do	28-19-20	do	do	Do.
Fines mills (2)	do	28-19-20	do	do	Do.
C. K. Processing Co., Inc.: Alfalfa Dehydrator.	Manhattan	28-19-20	June 28, 1974	do	Nov. 1, 1974.
Far-Mar-Co., Inc.:					
Elevator A—Rail Car Unloading.	Wichita	28-19-20	do	do	Aug. 15, 1974.
Elevator B—Rail Car Unloading.	do	28-19-20	do	do	Do.
Elevator A—Basement Conveyor.	do	28-19-20	do	do	Do.
Elevator A—Head House Legs	do	28-19-20	do	do	Do.
Elevator B—Head House Legs	do	28-19-20	do	do	Do.
Elevator B—Basement Conveyor.	do	28-19-20	do	do	Do.
Elevator C—Basement Conveyor.	do	28-19-20	do	do	Do.
Elevator D—Basement Conveyor.	do	28-19-20	do	do	Do.
Elevators C and D—Head House Legs.	do	28-19-20	do	do	Do.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
First National Bank: Incinerator	Great Bend	28-19-40	do	do	Aug. 31, 1974.
Gove County Hospital: Incinerator.	Quinter	28-19-40	do	do	Feb. 1, 1975.
Hanover-Washington County Hospital: Incinerator.	Hanover	28-19-40	do	do	July 1, 1975.
Kansas Refine Helium Co.: Safety Flare.	Otis	28-19-45	do	do	Sept. 1, 1974.
Rush County Hospital: Incinerator.	LaCrosse	28-19-40	do	do	Oct. 1, 1974.
Kansas State University Health Center: Incinerator.	Manhattan	28-19-40	do	do	Jan. 1, 1975.
Peoples State Bank: Incinerator	McPherson	28-19-40	do	do	Apr. 30, 1975.
Farmers National Bank: Incinerator.	Abilene	28-19-40	do	do	Sept. 1, 1974.
Satanta District Hospital: Incinerator.	Satanta	28-19-40		do	Jan. 1, 1975.
		28-19-41	June 28, 1974		
Stevens County Hospital: Incinerator.	Hugoton	28-19-40	do	do	June 30, 1975.
		28-19-41			
St. Joseph Memorial Hospital: Incinerators Nos. 1 and 2.	Larned	28-19-40C		do	
		28-19-40D			
		28-19-41	June 28, 1974		July 31, 1975.
U.S.D. No. 459: Bucklin High School Incinerator.	Bucklin	28-19-40	do	do	Do.
U.S.D. No. 457:					
Friend Elementary Incinerator	Garden City	28-19-40	do	do	Sept. 1, 1974.
Jenny Barker Elementary Incinerator.	do	28-19-40	do	do	Do.
Lincoln Elementary Incinerator	do	28-19-40	do	do	Do.
Pierceville-Plymell Elementary Incinerator.	do	28-19-40	do	do	Do.
Theoni Elementary Incinerator	do	28-19-40	do	do	Do.
Valentine Elementary Incinerator.	do	28-19-40	do	do	Do.
U.S.D. No. 219: Incinerator (Minneola High)	Minneola	28-19-40	do	do	July 31, 1975.
Pratt County Hospital: Incinerator.	Pratt	28-19-40	do	do	June 30, 1975.
		28-19-41			
Kiowa District Hospital: Incinerator.	Kiowa	28-19-40	do	do	Nov. 1, 1974.
		28-19-41			
U.S.D. No. 381:					
Spearville Grade Incinerator	Spearville	28-19-40	do	do	July 31, 1975.
Spearville High Incinerator	do	28-19-40	do	do	Do.
Windthorst Middle Grade Incinerator.	do	28-19-40	do	do	Do.
New Era Milling Co.: Grain Screening Separator.	Arkansas City	28-19-20	do	do	Sept. 1, 1974.
U.S.D. No. 342:					
McLouth Elementary Open Burning.	McLouth	28-19-45	do	do	July 1, 1975.
McLouth High Open Burning	do	28-19-45	do	do	Do.
Walton Foundry, Inc: Cupola	Iola	28-19-20	do	do	Dec. 31, 1974.
Lane County Hospital: Incinerator.	Dighton	28-19-40	July 26, 1974	do	July 31, 1975.
Morton County Hospital: Incinerator.	Elkhart	28-19-40		do	
		28-19-41	July 26, 1974		Do.
Gold Bond Building Products:					
Calcining Kettles (3)	Medicine Lodge	28-19-20	do	do	Aug. 1, 1974.
Raymond Mills (3)	do	28-19-20	Dec. 14, 1973	do	Oct. 1, 1974.
Block Grinders (2)	do	28-19-50	do	do	Apr. 1, 1975.
Board End Trimming	do	28-19-50	do	do	Do.
Rotary Calciners (2)	do	28-19-20	do	do	June 1, 1975.
Ross Industries, Inc.: Terminal Elevator.	Wichita	28-19-20	July 26, 1974	do	June 15, 1975.
Killough-Clark, Inc.:					
Primary Impactor Crushers (2)	Ottawa	28-19-20	do	do	Sept. 1, 1974.
Secondary Hammer Mill (2)	do	28-19-20	do	do	Do.
Tertiary Screening Plant (1)	do	28-19-20	do	do	Do.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Highland Community Junior College: Incinerators Nos. 1 and 2.	Highland	28-19-40C		do	
		28-19-41A	June 28, 1974		Mar. 1, 1975.
Gulf Oil Chemicals Co.: Coal Burning Facilities.	Pittsburg	28-19-31	do	do	June 1, 1975.
U.S.D. No. 506 (Open Burning):					
Altamont Grade School	Altamont	28-19-45	June 21, 1974	do	Sept. 1, 1974.
Fairview Grade School	do	28-19-45	do	do	Do.
Bartlett Grade School	do	28-19-45	do	do	Do.
Ellis Grade School	do	28-19-45	do	do	Do.
Edna Grade School	do	28-19-45	do	do	Do.
Angola Grade School	do	28-19-45	do	do	Do.
Mound Valley Grade School	do	28-19-45	do	do	Do.
Dennis Grade School	do	28-19-45	do	do	Do.
Meadow View Grade School	do	28-19-45	do	do	Do.
U.S.D. No. 479:					
Kincaid Attendance Center Incinerator.	Kincaid	28-19-40	do	do	July 31, 1975.
Colony Attendance Center Incinerator.	do	28-19-40	do	do	Do.
U.S.D. No. 482:					
Alamota Grade School Open Burning.	Dighton	28-19-45	do	do	Sept. 1, 1974.
Amy Grade School Open Burning.	do	28-19-45	do	do	Do.
Shields Grade School Open Burning.	do	28-19-45	do	do	Do.
U.S.D. No. 466:					
Scott City Junior High Incinerator.	Scott City	28-19-40	do	do	Aug. 16, 1974.
Beaver Flats School Open Burning.	do	28-19-45	do	do	Do.
Manning Elementary Open Burning.	do	28-19-45	do	do	Do.
Modoc Elementary Open Burning.	do	28-19-45	do	do	Do.
Scott City Elementary Open Burning.	do	28-19-45	do	do	Do.
Shallow Water Elementary Open Burning.	do	28-19-45	do	do	Do.
Scott City High Open Burning	do	28-19-45	do	do	Do.
U.S.D. No. 374:					
Sublette High Open Burning	Sublette	28-19-45	do	do	July 31, 1975.
Sublette Grade Open Burning	do	28-19-45	do	do	Do.
U.S.D. No. 415:					
Fairview Elementary Open Burning.	Hiawatha	28-19-45	do	do	July 31, 1974.
Hiawatha Elementary Open Burning.	do	28-19-45	do	do	Do.
Hiawatha High Open Burning	do	28-19-45	do	do	Do.
Reserve Elementary Open Burning.	do	28-19-45	do	do	Do.
Robinson Elementary Open Burning.	do	28-19-45	do	do	Do.
Robinson Junior High Open Burning.	do	28-19-45	do	do	Do.
U.S.D. No. 395:					
La Crosse High School Open Burning.	La Crosse	28-19-45	do	do	July 1, 1975.
McCracken High School Open Burning.	do	28-19-45	do	do	Do.
Rush Center Open Burning	do	28-19-45	do	do	Do.
Alexander Grade School Open Burning.	do	28-19-45	do	do	Do.
U.S.D. No. 387:					
Altoona Junior High School Open Burning.	Buffalo	28-19-45	do	do	Mar. 1, 1975.
Midway School Open Burning	do	28-19-45	do	do	Do.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Altoona Elementary Incinerator.	do	28-19-40	do	do	Do.
U.S.D. No. 407:					
Central Office Incinerator	Russell	28-19-40	do	do	July 1, 1975.
Ruppenthal Incinerator	do	28-19-40	do	do	Do.
Simpson Incinerator	do	28-19-40	do	do	Do.
Bickerdyke Incinerator	do	28-19-40	do	do	Do.
Dorrance High Incinerator	do	28-19-40	do	do	Do.
Dorrance Elementary Incinerator.	do	28-19-40	do	do	Do.
Gorham High Open Burning	do	28-19-45	do	do	Do.
Gorham Elementary Open Burning.	do	28-19-45	do	do	Do.
Luray Open Burning	do	28-19-45	do	do	Do.
Lucas Open Burning	do	28-19-45	do	do	Do.
U.S.D. No. 312:					
Elreka Elementary Open Burning.	Haven	28-19-45	do	do	Do.
Mount Hope Elementary Open Burning.	do	28-19-45	do	do	Do.
Yoder Elementary Open Burning.	do	28-19-45	do	do	Do.
U.S.D. No. 269:					
Zurich Grade School Incinerator.	Palco	28-19-40	do	do	Do.
Palco Grade Open Burning	do	28-19-45	do	do	Do.
Palco High Open Burning	do	28-19-45	do	do	Do.
Zurich Grade Open Buring	do	28-19-45	do	do	Do.
Damar Grade Open Burning	do	28-19-45	do	do	Do.
U.S.D. No. 256:					
Marmaton Valley High Incinerator.	Moran	28-19-40	do	do	Sept. 1, 1974.
Moran Elementary Incinerator	do	28-19-40	do	do	Do.
Elsmore Elementary Incinerator.	do	28-19-40	do	do	Do.
U.S.D. No. 208:					
Trago Community High	Wakeeney	28-19-45	do	do	July 1, 1975.
Wakeeney Grade	do	28-19-45	do	do	Do.
Collyer Grade	do	28-19-45	do	do	Do.
Ogallah Grade	do	28-19-45	do	do	Do.
U.S.D. No. 260:					
Swaney Elementary Incinerator.	Derby	28-19-41B	do	do	Do.
Derby Junior High Incinerator	do	28-19-41B	do	do	Do.
Carlton Junior High Incinerator	do	28-19-41B	do	do	Do.
Cooper Elementary Incinerator	do	28-19-41B	do	do	Do.
Oaklawn Elementary Incinerator.	do	28-19-41B	do	do	Do.
Pleasant Elementary Incinerator.	do	28-19-41B	do	do	Do.
Werateteer Elementary Incinerator.	do	28-19-41B	do	do	Do.
U.S.D. No. 247:					
Cherokee Grade School Incinerator.	Cherokee	28-19-40	do	do	Dec. 31, 1974.
McCune School Incinerator	do	28-19-40	do	do	Do.
Southeast High Incinerator	do	28-19-40	do	do	Do.
West Mineral Grade Incinerator.	do	28-19-40	do	do	Do.
Weir Attendance Center Incinerator:.	do	28-19-40	do	do	Do.
U.S.D. No. 200: Open Burning	Tribune	28-19-45	do	do	July 31, 1975.
U.S.D. No. 252:					
Hartford High Open Burning	Hartford	28-19-45	do	do	Dec. 1, 1974
Board Office Open Burning	do	28-19-45	do	do	Do.
U.S.D. No. 246:					
Arma Elementary	Arma	28-19-45	do	do	Aug. 15, 1974.
Arcadia Elementary	do	28-19-45	do	do	Do.
Northeast High	do	28-19-45	do	do	Do.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Allen County Hospital: Incinerator.	Iola	28-19-40	do	do	May 1, 1975.
Stanton County Hospital: Incinerator.	Johnson	28-19-40	do	do	July 31, 1975.
Bates County Rock, Inc.: Primary, Secondary Crushing, Screening and Fines Mill.	Linn County	28-19-20			Sept. 15, 1974.
Mammel Food Stores: Open Burning.	Plainville	28-19-45	do	do	July 1, 1975.
Plainville State Bank: Open Burning.	do	28-19-45	do	do	Do.
St. Margaret's Mercy Hospital: Incinerator.	Fredonia	28-19-40	do	do	Do.
Greenwood County Hospital: Incinerator.	Eureka	28-19-40	do	do	Nov. 1, 1974.
Acme Foundry & Machine Co.: Cupola Furnace.	Coffeyville	28-19-20	Aug. 30, 1974	do	Jan. 21, 1975.
Bucklin District Hospital: Incinerator.	Bucklin	28-19-40C	do	do	Sept. 1, 1974.
Certain-Teed Products Corp.: K-8 Furnace Plan B.	Kansas City	28-19-20 28-19-50.	do	do	July 31, 1975.
Farmers National Bank: Incinerator.	Abilene	28-19-40	do	do	Nov. 1, 1974.
Hill Top House: Incinerator	Bucklin	28-19-40C	do	do	Sept. 1, 1974.
Midwest Solvents, Inc.:					
Gluten Dryers	Atchison	28-19-20	do	do	Sept. 15, 1974.
Starch Dryers	do	28-19-20	do	do	Do.
Animal Feed Production	do	28-19-20	do	do	Feb. 1, 1974.
National Dehydrating & Milling Co.: Alfalfa Dehydrator.	Grantville	28-19-20	do	do	Oct. 1, 1974.
National Alfalfa Dehydrating & Milling Co.: Alfalfa Dehydrator.	LeRoy	28-19-20	do	do	Do.
National Alfalfa Dehydrating & Milling Co.: Alfalfa Dehydrator.	Independence	28-19-20	do	do	Do.
S-G Metals Industries, Inc.: Aluminum Furnaces 1-7.	Kansas City	28-19-20, 28-19-50.	do	do	Feb. 28, 1975.
Hesston State Bank: Incinerator	Hesston	28-19-40	do	do	June 1, 1975.
U.S.D. No. 229:					
North Oxford Elementary Open Burning.	Shawnee Mission.	28-19-45	do	do	July 1, 1975.
Stanley Elementary Open Burning.	do	28-19-45	do	do	Do.
Stillwell Elementary Open Burning.	do	28-19-45	do	do	Do.
U.S.D. No. 482:					
Alamota Grade School Open Burning.	Dighton	28-19-45	do	do	July 31, 1975.
Amy Grade School Open Burning.	do	28-19-45	do	do	Do.
Shields Grade School Open Burning.	do	28-19-45	do	do	Do.
Western Alfalfa Corp.: Alfalfa Dehydrator.	Neodesha	28-19-20	do	do	Nov. 1, 1974.
Colt Industries: Cupola	Kansas City	28-19-20, 28-19-50.	do	do	Nov. 15, 1974.
Clay Center Dehydrating Co., alfalfa dehydrator.	Clay Center	28-19-20	Oct. 4, 1974	do	July 1, 1975.
Colorado Interstate Gas Co., safety flare.	Lakin	28-19-45	do	do	Nov. 15, 1974.
Fredonia Dehydrating & Milling Co., alfalfa dehydrator.	Fredonia	28-19-20	do	do	July 1, 1975.
Greenwood County Hospital, incinerator.	Eureka	28-19-40	do	do	June 1, 1975.
Mid-America Dairymen, spray dryers No. 1 & No. 2.	Sabetha	28-19-20	do	do	Nov. 1, 1974.
Minneola District Hospital, incinerator.	Minneola	28-19-40 28-19-41	do	do	Oct. 1, 1974.
U.S.D. No. 457:					
Friend Elementary, incinerator	Garden City	28-19-40	June 21, 1974	do	July 1, 1975.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Altamont Grade School	Altamont	28-19-45	do	do	Sept. 1, 1974.
Jenny Barker Elementary, incinerator.	do	28-19-40	do	do	Do.
Lincoln Elementary, incinerator	do	28-19-40	do	do	Do.
Pierceville-Plymell Elementary, incinerator.	do	28-19-40	do	do	Do.
Theoni Elementary, incinerator	do	28-19-40	do	do	Do.
Valentine Elementary, incinerator.	do	28-19-40	do	do	Do.
U.S.D. No. 256, Marmaton Valley High, incinerator.	Moran	28-19-40	do	do	Jan. 1, 1975.
North Central Foundry, Inc., Gray Iron Foundry cupola.	Enterprise	28-19-20	do	do	Dec. 31, 1974.
Satanta District Hospital, incinerator.	Satanta	28-19-40 28-19-41	do	do	July 1, 1975.
Scott County Hospital, incinerator.	Scott City	28-19-40 28-19-41	do	do	Apr. 30, 1975.
Sherwin-Williams Co., ozide calciner exhaust.	Coffeyville	28-19-50A	do	do	July 31, 1975.
Western Alfalfa Corp., alfalfa dehydrating plant.	Lowe	28-19-20	do	do	Do.
Certain-Teed Products Corp., K-2 Furnace Plan "A".	Kansas City	28-19-20	Nov. 22, 1974	do	Do.
C. K. Products Co., Inc., alfalfa dehydrator.	Salina	28-19-20	do	do	July 1, 1975.
H. B. H. Rock Co., Inc., secondary crushing and screening.	Burlington	28-19-20	do	do	July 31, 1975.
Northern Natural Gas Co., flare pit.	Holcomb	28-19-45	do	do	Mar. 1, 1975.
Owens-Corning Fiberglas Corp., No. 70 glass furnace.	Kansas City	28-19-20 28-19-50	do	do	Do.
U.S.D. No. 415:					
Fairview Elementary, open burning.	Hiawatha	28-19-45	do	do	July 31, 1975.
Hiawatha Elementary, open burning.	do	28-19-45	do	do	Do.
Hiawatha High School, open burning.	do	28-19-45	do	do	Do.
Reserve Elementary, open burning.	do	28-19-45	do	do	Do.
Robinson Elementary, open burning.	do	28-19-45	do	do	Do.
Robinson Jr. High, open burning.	do	28-19-45	do	do	Do.
U.S.D. No. 506:					
Altamont Grade School, open burning.	Altamont	28-19-45	do	do	Do.
Fairview Grade School, open burning.	do	28-19-45	do	do	Do.
Bartlett Grade School, open burning.	do	28-19-45	do	do	Do.
Ellis Grade School, open burning.	do	28-19-45	do	do	Do.
Edna Grade School, open burning.	do	28-19-45	do	do	Do.
Angola Grade School, open burning.	do	28-19-45	do	do	Do.
Mound Valley Grade School, open burning.	do	28-19-45	do	do	Do.
Dennis Grade School, open burning.	do	28-19-45	do	do	Do.
Meadow View Grade School, open burning.	do	28-19-45	do	do	Do.
Rodney Milling Co.:					
Wheat cleaning suction filter "D".	Topeka	28-19-50	June 21, 1974	do	Apr. 30, 1975.
Milo mill suction	do	28-19-50	do	do	June 30, 1975.
Yates Center Quarries, primary crushing and screening.	Iola	28-19-20	do	do	Mar. 28, 1975.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Monarch Cement Co., kilns No. 1 and 2.	Humboldt	28-19-20	Mar. 22, 1974	do	June 1, 1975.
Owens-Corning Fiberglas:					
J-5 oven	Kansas City	28-19-20	Mar. 18, 1974	do	Do.
J-6 oven	do	28-19-20	do	do	Do.
K-3 oven	do	28-19-20	do	do	Apr. 1, 1975.
K-4 oven	do	28-19-20	do	do	Do.
Alfalfa, Inc.:					
Rotary dryer feed cyclone	Sublette	28-19-50	Feb. 14, 1974	do	Mar. 1, 1974.
Hammer mill feed cyclone	do	28-19-50	do	do	Do.
Meal bin vent	do	28-19-50	do	do	Do.
Bohm Grain Co., grain cleaner	Osborne	28-19-20	do	do	Aug. 1, 1974.
Smith Center Co-Op Mill & Elevator, elevator leg cyclone.	Smith Center	28-19-50	do	do	Mar. 11, 1974.
Wade Agricultural Products, primary crusher and screening.	LaCygne	28-19-20	Jan. 14, 1974	do	Sept. 1, 1974.
Buffalo Industry, Inc., cupola	Garden City	28-19-20	Apr. 25, 1974	do	July 31, 1975.
Cargil Inc., railcar unloading	Wichita	28-19-20	June 4, 1974	do	July 1, 1975.
Central Non-Ferrous, Inc., chlorination process.	Fort Scot	28-19-20	May 30, 1974	do	June 1, 1975.
Hi-Plains Cooperative Association, grain elevator.	Colby	28-19-50A	June 21, 1974	do	Mar. 1, 1975.
Mesa Petroleum Co., safety relief flare.	Ulysses	28-19-45	May 2, 1974	do	July 31, 1975.
National Gypsum Co. (Gold Bond products) rotary calciners No. 1 and No. 2,.	Medicine Lodge	28-19-20	June 21, 1974	do	June 1, 1975.
Smith Center Co-Op Mill & elevator, grain elevator.	Smith Center	28-19-50	do	do	Mar. 1, 1975.
McPherson County Highway Department, hot mix asphalt plant.	McPherson	28-19-20	Sept. 19, 1974	do	Nov. 1, 1974.
A. G. Sherwood Construction Co., hot mix asphalt plant.	Independence	28-19-50A	do	do	Do.
Archer Daniels Midland Co., grain dryer transfer.	Fredonia	28-19-50A	do	do	Apr. 28, 1975.
Cargill Salt Department, rotary salt dryer.	Hutchinson	28-19-50	do	do	Mar. 1, 1975.
C. K. Processing Co., alfalfa dehydrator.	Manhattan	28-19-20	Oct. 8, 1974	do	July 31, 1975.
Sherwin-Williams Chemicals, zinc oxide dryer.	Coffeyville	28-19-50B	do	do	May 1, 1975.
Westhoff Bros. Asphalt & Sand Co., wet washer dust collector.	Great Bend	28-19-50A	do	do	Dec. 1, 1974.
C. E. Industrial Group, incinerator.	Concordia	28-19-50B	Mar. 18, 1974	do	May 24, 1974.
Gorham Farmers Coop Association, grain cleaner.	Gorham	28-19-20	Jan. 22, 1974	do	Aug. 1, 1974.
Jamestown Cooperative:					
Cyclone dust collector	Jamestown	28-19-50	do	do	Mar. 1, 1974.
Receiving pit	do	28-19-50	do	do	Do.
Mid-America Pipeline, flaring system.	Conway	28-19-47C	do	do	June 1, 1974.
Ulysses Cooperative Oil & Supply Co., hammer mill.	Ulysses	28-19-50	Feb. 7, 1974	do	Apr. 1, 1974.
Udall Farmers Union Co-op Association, grain cleaner.	Udall	28-19-20	Feb. 21, 1974	do	Sept. 1, 1974.
Western Alfalfa, alfalfa dehydrator.	Belle Plaine	28-19-20	Feb. 5, 1974	do	July 31, 1975.
Do	Garden City	28-19-20	do	do	Do.
Do	Larned	28-19-20	do	do	Do.
Do	Oxford	28-19-20	do	do	Do.
Do	Peterson	28-19-20	do	do	Do.
Coffeyville Memorial Hospital, incinerator.	Coffeyville	28-19-40	Mar. 18, 1974	do	Oct. 1, 1974.
Bayer Construction Co., rock crusher No. 1.	Manhattan	28-19-20	Aug. 15, 1974	do	Sept. 1, 1974.
Certain-Teed Products Corp.:					
K-0 precipitator	Kansas City	28-19-50	Aug. 26, 1974	do	Dec. 31, 1974.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
K-6 forming	do	28-19-20	Mar. 18, 1974	do	July 31, 1975.
K-0 furnace	do	28-19-20	Oct. 4, 1973	do	Dec. 1, 1974.
K-1, K-5, K-6, K-7 furnaces	do	28-19-20	May 13, 1974	do	July 31, 1975.
K-5 forming	do	28-19-20	do	do	Do.
K-1 coring	do	28-19-20	do	do	Do.
K-2 coring	do	28-19-20	do	do	Do.
Collingwood Grain, Inc., elevator headhouse.	Hutchinson	28-19-50	Aug. 15, 1974	do	Mar. 15, 1975.
Collingwood Grain, Inc., best elevator headhouse.	Copeland	28-19-50	Feb. 14, 1974	do	Mar. 1, 1974.
vey Elevators, Inc.:					
Grain cleaner	Wichita	28-19-20	June 19, 1974	do	Oct. 1, 1974.
Conveying system	do	28-19-20	do	do	Do.
County Hospital No. 5, incinerator.	Harper	28-19-41B	July 9, 1974	do	Sept. 1, 1974.
Jayhawker Towers Apartments, incinerator.	Lawrence	28-19-41	Sept. 5, 1974	do	Nov. 1, 1974.
Service Iron Foundry, Inc., cupola.	Wichita	28-19-20 28-19-50	Aug. 15, 1974	do	Mar. 1, 1975.
Sylvia Cooperative Association, grain cleaner.	Sylvia	28-19-20	Aug. 26, 1974	do	Nov. 1, 1974.
American Walnut Co., teepee incinerator.	Kansas City	28-19-41B	Jan. 24, 1975	do	June 1, 1975.
Heckert Construction Co., rotary dryer.	Pittsburg	28-19-50A	do	do	Do.
McPherson County Highway Department, asphalt plant.	McPherson	28-19-50 28-19-20	do	do	Jan. 1, 1975.
National Alfalfa Dehydrating & Milling, pellet mill lift cyclone.	LeRoy	28-19-50A	do	do	Apr. 15, 1975.
Service Iron Foundry, cupola	Wichita	28-19-20 28-19-50	do	do	June 1, 1975.
Colt Industries, cupola	Kansas City	28-19-20 28-19-50	do	do	Feb. 15, 1975.
Cross Alfalfa Products, Hammermill.	Lewis	28-19-50A	do	do	July 1, 1975.
Kiowa District Hospital, incinerator.	Kiowa	28-19-40 28-19-41	do	do	Do.
Kansas State University Health Center, incinerator.	Manhattan	28-19-40	do	do	Mar. 15, 1975.
Minneola District Hospital, incinerator.	Minneola	28-19-40 28-19-41	do	do	July 31, 1975.
North Central Foundry, Inc., gray iron foundry cupola.	Enterprise	28-19-20	do	do	July 1, 1975.
S. & F. Sales, Inc. open burning	Bonner Springs	28-19-45	do	do	July 31, 1975.
Walton Foundry, Inc., cupola	Iola	28-19-20	do	do	July 1, 1975.
U.S.D. No. 247, Cherokee grade school incinerator.	Cherokee	28-19-40	do	do	July 31, 1975.
McCune school incinerator		28-19-40	June 24, 1975	do	Do.
Southeast high incinerator		28-19-40	do	do	Do.
West mineral grade incinerator		28-19-40	do	do	Do.
Weir attendance center incinerator		28-19-40	do	do	Do.
Gove County Hospital, incinerator.	Quinter	28-19-40	Mar. 28, 1975	do	Do.
Gulf Oil Chemicals Co., No. 17, 18 and 19, NH_4NO_3 neutralizers.	Pittsburg	28-19-20, 28-19-50.	do	do	Do.
Highland Community Junior College, incinerators No. 1 and 2.	Highland	28-19-40C, 28-19-41A.	do	do	July 1, 1975.
S-G Metals Industries, Inc., aluminum furnaces 1-7.	Kansas City	28-19-20, 28-19-50.	do	do	June 1, 1975.
Midwest Solvents Co., animal feed production.	Atchison	28-19-20	do	do	July 1, 1975.
Certain-Teed Products Corp., KO furnace.	Kansas City	28-19-20	do	do	Apr. 1, 1975.
Koppel, Inc., leg cyclone dust collector.	Salina	28-19-50	do	do	June 1, 1975.
Harry M. Liggett, alfalfa dehydrator.	Concordia	28-19-20	do	do	July 1, 1975.

KANSAS—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Deitz-Hill Development: Primary secondary crusher.	Olathe	28-19-20	May 23, 1975	do	July 31, 1975.
Jay-Tee Construction Co.: Rock crusher.	Ottawa	28-19-20	do	do	Do.
Northern Natural Gas: Gas processing facility.	Holcomb	28-19-45	do	do	Do.
U.S.D. No. 387: Altoona Elementary incinerator.	Buffalo	28-19-40	do	do	Do.
Cross Alfalfa Products: Hammermill.	Lewis	28-19-50A	do	do	Do.
Farmer's Union Cooperative Association: Hammermill.	Clay Center	28-19-50A	do	do	June 15, 1975.
Hi-Plains Cooperative Association: Grain elevator.	Colby	28-19-50A	do	do	June 1, 1975.

(2) The compliance schedules identified below are disapproved as not meeting the requirements of § 51.4 or § 51.15 of this chapter. All regulations cited are air pollution control regulations of the state, unless otherwise noted.

KANSAS

Source	Location	Regulation involved	Date adopted
Chanute Manufacturing Co., Inc.: sand blasting	Chanute	28-19-50	Dec. 14, 1973.
Kansas City Power & Light, coal transfer houses	LaCygne	28-19-50	Nov. 22, 1974.
Pence Food Center, incinerator	Chanute	28-19-40	Do.
Rodney Milling Co.:			
"A" house gallery and tunnel system	Topeka	28-19-50	Do.
"B" & "C" house gallery	do	28-19-50	Do.
Western Alfalfa Corp., alfalfa dehydrator	Deerfield	28-19-20	Do.
Do	Tice	28-19-20	Do.
Pence Food Center, incinerator	Humboldt	28-19-40	Do.
Sherwin-Williams Chemicals, Ozark P.M. Mill	Coffeyville	28-19-50B	Oct. 8, 1974.
Continental Grain Co., rail car loading	Hutchinson	28-19-50	Aug. 15, 1974.
Far-Mar-Co, Inc., headhouse cyclones	Topeka	28-19-50	Sept. 5, 1974.
Do	Hutchinson	28-19-50	Aug. 15, 1974.
Western Iron & Foundry, cupola	Wichita	28-19-20A, 28-19-50A.	Oct. 4, 1974.
Kansas Army Ammunition Plant, open burning	Parsons	28-19-45	Jan. 24, 1975.
Reid Grain, headhouse	Goodland	28-19-50	Do.
Sherwin-Williams Chemicals, black ash kiln	Coffeyville	28-19-50A	Do.
Cooperative Farm Chemicals, No. 1 $NH_4NO_3$99-percent evaporator and prilling tower.	Lawrence	28-19-20	Mar. 28, 1975.
Sherwin-Williams Chemical Co., ozide calciner exhaust	Coffeyville	28-19-50A	Do.
Kaw Dehydrating Co., alfalfa dehydrator	Lawrence	28-19-20	Do.
Empire Dist. Electric Co.: Boilers Nos. 7 and 8	Riverton	28-19-31C	May 23, 1975.
Gulf Oil Chemicals Co.: Coal-fired boiler	Pittsburg	28-19-31	Do.
Kansas City Power & Light: Main boiler	La Cygne	28-19-31B	Do.
Mid-America Dairymen: Spray dryers Nos. 1 and 2	Sabetha	28-19-20	Do.
Tower Metal Products: Reverberatory furnace C	Fort Scott	28-19-50A	Do.
U.S Steel—Universal Atlas Cement	Independence		
Clay storage bin		28-19-50A	Do.
Stone storage bin		28-19-50A	Do.
Krupp Ball Mill No. 2		28-19-50A	Do.
Krupp Ball Mill No. 3		28-19-50A	Do.

[37 FR 19809, Sept. 22, 1972, as amended at 38 FR 30877, Nov. 8, 1973; 39 FR 25320, July 10, 1974; 39 FR 39436, Nov. 7, 1974; 39 FR 41177, 41180, Nov. 25, 1974; 39 FR 43278, Dec. 12, 1974; 40 FR 4269, Jan. 29, 1975; 40 FR 21728, May 19, 1975; 40 FR 23757, June 2, 1975; 40 FR 30962, July 24, 1975; 40 FR 42190, Sept. 11, 1975; 40 FR 43216, Sept. 19, 1975]

§ 52.877 [Reserved]

§ 52.878 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Kansas.

[39 FR 7281, Feb. 25, 1974]

§ 52.879 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Kansas' plan, except where noted.

Air quality control region	Pollutant							
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)	Lead
	Primary	Secondary	Primary	Secondary				
Metropolitan Kansas City Interstate	e	a	c	c	c	May 31, 1977	e	c
South Central Kansas Interstate	a	a	c	c	c	e	a	c
Northeast Kansas Intrastate	a	a	c	c	c	c	e	c
Southeast Kansas Intrastate	c	c	c	c	c	c	c	c
North Central Kansas Intrastate	a	a	c	c	c	c	c	c
Northwest Kansas Intrastate	a	a	c	c	c	c	c	c
Southwest Kansas Intrastate	a	a	c	c	c	c	c	c

NOTE: Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR Part 52 (1980) § 52.879.

a. July 1975.
b. Five years from plan approval or promulgation.
c. Air quality levels presently below secondary standards.
d. Transportation and/or land use control strategy to be submitted no later than April 15, 1973.
e. December 31, 1982.
f. Secondary standard attainment date to be determined by secondary attainment plan.

(Secs. 110, 172, 173, and 301 of the Clean Air Act as amended (42 U.S.C. 7410 and 7601(a)))

[37 FR 10867, May 31, 1972, as amended at 37 FR 19808, Sept. 22, 1972; 38 FR 7326, Mar. 20, 1973; 38 FR 12702, May 14, 1973; 38 FR 17682, July 2, 1973; 46 FR 20171, Apr. 3, 1981; 46 FR 51743, Oct. 22, 1981; 46 FR 61118, Dec. 15, 1981]

§ 52.880 Requests for 18-month extensions.

(a) On October 22, 1979 the Kansas Department of Health and Environment submitted a request that the State be granted an extension until July 1, 1980 for the submission of a State implementation plan to satisfy the requirements for secondary particulate nonattainment in Topeka; this extension is approved by the Administrator.

(Sec. 110(b) of the Clean Air Act as amended)

[45 FR 79809, Dec. 2, 1980]

§§ 52.881—52.882 [Reserved]

§ 52.883 Maintenance of national standards.

(a) The requirements of § 51.12(e) of this chapter are not met since the state did not provide adequate justification that certain areas did not have the potential for violation of an air quality standard within ten years.

(b) The areas listed below are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within ten years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delineated.

(1) Kansas City Interstate Air Quality Maintenance Area (Kansas Portion).

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Johnson County, Wyandotte County.

[40 FR 41950, Sept. 9, 1975]

§ 52.884 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Kansas.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart S—Kentucky

§ 52.920 Identification of plan.

(a) Title of plan: "Implementation Plan for the Attainment and Maintenance of the National and State Ambient Air Quality Standards."

(b) The plan was officially submitted on February 8, 1972, and was resubmitted on December 5, 1973.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Clarifying comments on the plan submitted on March 6, 1972, by the Kentucky Air Pollution Control Office.

(2) Chapters IV and V, Control Strategies, and Chapter VII, Emission Control Regulations, submitted on March 17, 1972, by the Kentucky Air Pollution Control Office.

(3) Summary letter of Kentucky Air Pollution Control Commission and Regional Office meeting with attachments submitted May 3, 1972, by the Kentucky Air Pollution Control Office.

(4) Letter requesting delegation of authority and offering justification for a two-year extension for attainment of the sulfur dioxide primary standard submitted on June 7, 1972, by the Governor.

(5) Indirect source Regulation AP-11 and compliance schedules submitted on December 5, 1973, by the Governor.

(6) Compliance schedules submitted on February 15, 1974, by the Kentucky Department for Natural Resources and Environmental Protection.

(7) Compliance schedules submitted on April 23, 1974, by the Kentucky Department for Natural Resources and Environmental Protection.

(8) Clarifying comments submitted on May 21, 1974, by the Kentucky Department for Natural Resources and Environmental Protection.

(9) AQMA material submitted on January 6, 1975, by the Kentucky Department for Natural Resources and Environmental Protection.

(10) Revised body of air pollution control regulations and revised control strategies submitted respectively on August 29 and September 16, 1975, by the Kentucky Department for Natural Resources and Environmental Protection.

(11) Letters requesting delegation of Federal authority for the administrative and technical portions of the Prevention of Significant Deterioration program were submitted on May 5 and June 13, 1976 by the Secretary of the Department for Natural Resources and Environmental protection.

(12) 1979 revisions for Part D requirements for ozone nonattainment areas, submitted on June 29, 1979, by the Kentucky Department for Natural Resources and Environmental Protection.

(13) 1979 revisions for Part D requirements for sulfur dioxide nonattainment areas (Boyd, Jefferson, McCracken, Muhlenberg, and Webster Counties), submitted on June 29, 1979,

by the Kentucky Department for Natural Resources and Environmental Protection.

(14) 1979 revisions for Part D requirements for total suspended particulate nonattainment areas (Bell, Boyd, Jefferson, McCracken and Muhlenberg counties, that portion of Bullit County in Shepherdsville, that portion of Campbell County in Newport, that portion of Daviess County in Owensboro, those portions of Henderson County in and around Henderson, that portion of Lawrence County in Louisa, that portion of Madison County in Richmond, that portion of Perry County in Hazard, that portion of Pike County in Pikeville, and that portion of Whitley County in Corbin) submitted on June 29, 1979, by the Kentucky Department for Natural Resources and Environmental Protection.

(15) Revision to the State Implementation Plan for a bubble action at the Kentucky Utilities—Green River Station was submitted on December 1, 1980.

(16) Corrections in 1979 ozone revisions required by conditional approval of January 25, 1980, submitted on May 18, 1980 (letter on oil-water effluent separators), September 22, 1980 (Jefferson County I/M ordinance and schedule), November 19, 1980 (Jefferson County transportation related commitments), and on January 8, 1981 (changes in Jefferson County I/M schedule), by the Kentucky Department for Natural Resources and Environmental Protection.

(17) 1979 Revisions for Part D requirements for the Jefferson County carbon monoxide nonattainment area, submitted on June 29, 1979, by the Kentucky Department for Natural Resources and Environmental Protection. Additional materials to correct the deficiencies noted in the November 15, 1979 proposed conditional approval were submitted as SIP revisions on September 22, 1980, November 19, 1980, and January 8, 1981, as noted in the preceding paragraph.

(18) Air quality surveillance plan submitted on November 15, 1979, by the Kentucky Department for Natural Resources and Environmental Protection.

(19) Revision to the State Implementation Plan for a bubble action at Corning Glassworks, Danville, Kentucky was submitted on May 18, 1981, by the Kentucky Department for Natural Resources and Environmental Protection.

(20) Revision to the State Implementation Plan for a bubble action at National Distillers Company's Old Crow Plant in Woodford County, submitted on December 24, 1980, by the Kentucky Department for Natural Resources and Environmental Protection.

(21) Boone County Inspection/Maintenance ordinance and transportation control measures for Boone, Campbell, and Kenton Counties, submitted on November 19, 1980, by the Kentucky Department for Natural Resources and Environmental Protection.

(22) Set II VOC regulations, submitted on February 5, 1981, by the Kentucky Department for Natural Resources and Environmental Protection.

(23) Implementation plan for lead, submitted on May 7, 1980, by the Kentucky Department for Natural Resources and Environmental Protection.

(24) Provision for permit and exemption fees, submitted on June 10, 1981, by the Kentucky Department for Natural Resources and Environmental Protection.

(25) Provisions for public notifications and participation pursuant to section 127(a) of the Clean Air Act, submitted on April 8, 1980, by the Kentucky Department for Natural Resources and Environmental Protection.

(26) Revision to the State Implementation Plan for a bubble action at General Electric, Louisville, Kentucky, submitted on August 7, 1981, by the Kentucky Department for Natural Resources and Environmental Protection.

(27) Revised Boone County Inspection/Maintenance schedule submitted on October 9, 1981 by the Kentucky Department for Natural Resources and Environmental Protection.

(28) Addition to Appendix N of Jefferson County Regulation 6.28, Standard of Performance for Existing Hot Air Aluminium Atomization Processes, submitted on May 18, 1981, by the Kentucky Department for Natural Resources and Environmental Protection.

(29) Revision of Appendix N, Jefferson County Regulation 6.35, Standard

of Performance for Existing Fabric, Vinyl and Paper Surface Coating Operations, submitted on November 17, 1981, by the Kentucky Department for Natural Resources and Environmental Protection.

(30) Jefferson County Set II VOC regulations for new/existing affected facilities, submitted on October 20, 1981, by the Kentucky Department for Natural Resources and Environmental Protection.

(31) [Reserved]

(32) Revision to the State Implementation Plan for a bubble action at Borden Chemical Co., Jefferson County, Kentucky, received by EPA from the Kentucky Department for Natural Resources and Environmental Protection on March 5, 1982.

(Secs. 110, 172, and 301 of the Clean Air Act (42 U.S.C. 7410, 7502 and 7601))

[37 FR 10868, Mar. 31, 1972]

Editorial Note: For Federal Register citations to § 52.920, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Effective Date Note: In § 52.920, paragraph (c)(32) was added at 47 FR 20126, May 11, 1982, effective July 12, 1982, and paragraph (c)(30) was added at 47 FR 25012, June 9, 1982, effective August. 9, 1982.

§ 52.921 Classification of regions.

The Kentucky plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Appalachian Intrastate	II	III	III	III	III
Bluegrass Intrastate	II	III	III	III	III
Evansville (Indiana)-Owensboro-Henderson (Kentucky) Interstate	I	II	III	III	III
Huntington (West Virginia)-Ashland (Kentucky)-Portsmouth-Ironton (Ohio) Interstate	I	III	III	III	III
Louisville Interstate	I	I	III	III	I
Metropolitan Cincinnati Interstate	I	II	III	III	I
North Central Kentucky Intrastate	II	III	III	III	III
Paducah (Kentucky)-Cairo (Illinois) Interstate	I	II	III	III	III
South Central Kentucky Intrastate	III	III	III	III	III

[37 FR 10868, May 31, 1972, as amended at 39 FR 16346, May 8, 1974]

§ 52.922 Extensions.

(a) The Administrator hereby extends for two years the attainment date for the primary standards for sulfur oxides in the Kentucky portion of the Louisville Interstate Region.

(b) The Administrator hereby extends until December 31, 1987, the attainment date for the national standards for ozone in Jefferson County.

(c) The Administrator hereby extends until December 31, 1987, the attainment date for the national standards for ozone in Boone, Campbell, and Kenton Counties.

(d) The Administrator hereby extends until December 31, 1987, the attainment date for the national standards for carbon monoxide in Jefferson County.

(e) The Administrator hereby extends for 18 months (until July 1, 1980), the statutory timetable for submittal of plans to attain the secondary standard for particulate matter in Boyd, Daviess, Henderson, and Jefferson Counties.

(Secs. 110, 172, and 301(a) of the Clean Air Act (42 U.S.C. 7410, 7502, and 7601(a)))

[45 FR 6102, Jan. 25, 1980, as amended at 46 FR 40187, Aug. 7, 1981]

§ 52.923 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves Kentucky's plans for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the

Administrator finds the plans satisfy all requirements of Part D, Title I, of the Clean Air Act as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(b) New Source review permits issued pursuant to Section 173 of the Clean Air Act will not be deemed valid by EPA unless the provisions of Section V of Appendix S of 40 CFR Part 51 are met.

(Secs. 110 and 172 of the Clean Air Act (42 U.S.C. 7410 and 7502))

[45 FR 72157, Oct. 31, 1980]

§ 52.924 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met since K.R.S. 224.380 of the Air Pollution Control Law of the Commonwealth of Kentucky (June 18, 1970) does not provide for the release, under certain circumstances, of emission data to the public.

(b) Delegation of Authority: Pursuant to section 114 of the Act, Kentucky requested a delegation of authority to enable it to collect, correlate, and release emission data to the public. The Administrator has determined that Kentucky is qualified to receive a delegation of the authority it requested. Accordingly, the Administrator delegates to Kentucky his authority under section 114(a) (1) and (2) and section 114(c) of the Act, i.e., authority to collect, correlate, and release emission data to the public.

[37 FR 10868, May 31, 1972, as amended at 37 FR 15084, July 27, 1972]

§ 52.925 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the legal authority to provide for public availability of emission data is inadequate.

[39 FR 34536, Sept. 26, 1974]

§ 52.926 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in Kentucky's plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Appalachian Intrastate:							
a. Bell County	g	h	b	b	b	b	b
b. Perry County	g	h	b	b	b	b	b
c. Whitley County	g	h	b	b	b	b	b
d. Rest of AQCR	c	*c*	b	b	b	b	b
Bluegrass Intrastate:							
a. Fayette County	a	*c*	b	b	b	b	*g*
b. Madison County	g	h	b	b	b	b	b
c. Rest of AQCR	a	*c*	b	b	b	b	b
Evansville (Indiana)-Ownsboro-Henderson (Kentucky) Interstate:							
a. Daviess County	g	i	g	g	b	b	b
b. Henderson County	g	i	a	e	b	b	*g*
c. Webster County	c	*c*	g	g	b	b	b
d. Rest of AQCR	c	*c*	a	e	b	b	b
Huntington (West Virginia)-Ashland (Kentucky)-Portsmouth-Ironton (Ohio) Interstate:							
a. Boyd County	g	i	g	b	b	b	*g*
b. Lawrence County	g	h	b	b	b	b	b
c. Rest of AQCR	c	*c*	b	b	b	b	b
Louisville Interstate	g	i	j	j	b	h	h

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Metropolitan Cincinnati Interstate:							
a. Boone County	c	*c*	a	d	b	*d*	h
b. Campbell County	g	h	a	d	b	*d*	h
c. Kenton County	c	*c*	a	d	b	*d*	h
d. Rest of AQCR	c	*c*	a	*d*	b	*d*	c
North Central Kentucky Intrastate:							
a. Bullitt County	g	h	b	b	b	b	b
b. Rest of AQCR	a	*c*	b	b	b	b	b
Paducah (Kentucky) Cairo (Illinois) Interstate:							
a. McCracken County	g	h	g	f	b	b	b
b. Marshall County	c	g	a	f	b	b	b
c. Muhlenberg County	g	h	g	g	b	b	b
d. Rest of AQCR	c	*c*	a	f	b	b	b
South Central Kentucky Intrastate	b	b	b	b	b	b	b

See § 81.318 of this chapter to identify the specific nonattainment area.

NOTE: Dates or footnotes in italics are prescribed by the Administrator because the plan did not provide a specific date or the dates provided were not acceptable. Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.926 (1979 edition).

a. Air quality levels presently below primary standards or area is unclassifiable.
b. Air quality levels presently below secondary standards or area is unclassifiable.
c. April 1975.
d. July 1975.
e. July 1977.
f. July 1978.
g. December 31, 1982.
h. December 31, 1987.
i. 18 month extension for plan submittal granted: attainment date not yet established.
j. January 1, 1985.

(Secs. 110, 172, and 301 of the Clean Air Act (42 U.S.C. 7410, 7502 and 7601))
[45 FR 85002, Dec. 24, 1980]

§ 52.927 Compliance schedules.

(a) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(b) Federal compliance schedules.

(1) Except as provided in paragraph (b)(5) of this section, the owner or operator of any fuel-burning facility subject to the requirements of the Kentucky Air Pollution Control Regulations as they apply to sulfur dioxide sources, shall notify the Regional Administrator, by no later than November 3, 1975, of his intent to utilize either low-sulfur fuel or stack gas desulfurization to meet these requirements.

(2) Any owner or operator of a stationary source subject to paragraph (b)(1) of this section who elects to utilize low-sulfur fuel shall be subject to the following compliance schedule:

(i) December 1, 1975—Submit to the Regional Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with the applicable regulation on July 1, 1977, and for at least one year thereafter, as well as a statement as to whether boiler modifications will be required. If so, final plans for such modifications must be submitted simultaneously.

(ii) December 31, 1975—Sign contracts with fuel suppliers for projected fuel requirements as projected above.

(iii) December 31, 1975—Let contracts for necessary boiler modifications, if applicable.

(iv) January 30, 1976—Initiate onsite modifications, if applicable.

(v) May 1, 1977—Complete onsite modifications, if applicable.

(vi) July 1, 1977—Achieve compliance with the applicable regulations, and certify such compliance to the Regional Administrator.

(3) Any owner or operator subject to paragraph (b)(1) of this section who elects to utilize stack gas desulfurization shall be subject to the following compliance schedule:

(i) December 1, 1975—Submit to the Regional Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) December 31, 1975—Negotiate and sign all necessary contracts for emission control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modifications.

(iii) January 30, 1976—Initiate onsite construction or installation of emission control equipment or process modification.

(iv) May 1, 1977—Complete onsite construction or installation or emission control equipment or process modification.

(v) July 1, 1977—Complete shakedown operations and performance tests for the applicable unit(s); achieve compliance with Kentucky Division of Air Pollution Regulation for sulfur dioxide sources and certify such compliance to the Regional Administrator. Ten days prior to any performance testing, notice must be given to the Regional Administrator to afford him the opportunity to have an observer present.

(4) Five days after the deadline for completing increments in paragraphs (b)(2)(ii) through (b)(2)(v) and (b)(3)(ii) through (b)(3)(iv) of this section, certify to the Regional Administrator whether the increment has been met.

(5) (i) None of the above paragraphs shall apply to a source which is presently in compliance with applicable regulations. The owner or operator of any fuel-burning facility with an aggregate heat input of more than 250 million BTU per hour which is presently in compliance, shall certify such compliance to the Regional Administrator by November 3, 1975. The Regional Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Regional Administrator no later than December 1, 1975, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If approved by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(6) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of a compliance schedule in this paragraph fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(c) The compliance schedules for the sources identified below are approved as meeting the requirements of §§ 51.6 and 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, except in the case of Jefferson County schedules, for which the regulations cited are those of the local air pollution control agency.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
JEFFERSON COUNTY [1]				
Brown & Williamson Tobacco Corp.: Tobacco manufacturing equipment.	3.2.1	Feb. 6, 1973	Immediately	July 25, 1973.
Celanese Coating Co., Jones Dabney Division: Paint manufacturing equipment.	5.0	do	do	Apr. 19, 1975.
	5.5	do	do	Do.
E. I. Dupont de Nemours & Co.: Boilers and process	3.1.1	do	do	Apr. 1, 1975.
	3.1.3	do	do	Do.
	4.0.1,3.2	do	do	Do.
	5.0,5.5	do	do	Do.

See footnote at end of table.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Ford Motor Co., Louisville Assembly Plant:				
Coal-fired boilers	3.1,3.1.3	do	do	Apr. 19, 1975.
Paint spray booths	4.0,5.5.2	do	do	Do.
Paint bake ovens	5.5.1	do	do	Do.
General Electric Co.:				
Coal-fired boilers	3.1, 3.1.3	do	do	Aug. 31, 1974.
Zinc melting furnace	3.0,3.2	do	do	Do.
Incinerator	4.0,5.5	do	do	Do.
B. F. Goodrich Chemical Co.:				
Coal-fired boilers	3.1	do	do	Apr. 19, 1975.
Process operations	4.0	do	do	Do.
	3.2	do	do	Do.
	5.0	do	do	Do.
Louisville Refinery, Ashland Oil, Inc.; Hydrocarbon storage and refining.	5.0, 5.1	do	do	Mar. 15, 1975.
	5.2, 5.3	do	do	Do.
	5.4, 5.5	do	do	Do.
Ralston Purina soybean plant: grain handling	3.2	do	do	Jan. 15, 1974.
Rohm and Hass Kentucky, Inc.: Coal-fired boilers	3.1	do	do	Apr. 19, 1975.
	4.0	do	do	Do.
	3.2	do	do	Do.
Standard Oil Co.: Storage and loading of hydrocarbons.	5.0	do	do	Nov. 30, 1974.
Sun Oil Co.: Gasoline storage loading rack	5.1.1	do	do	Apr. 10, 1975.
	5.0.1	do	do	Do.
Henry Vogt Machine Co. boiler plant: Coal fired boilers.	3.1	Mar. 12, 1974	do	Sept. 17, 1974.
	4.0	do	do	Do.
Anaconda Aluminum Co., Robards Lane plant, Aluminum container manufacturing.	3.2	Feb. 12, 1973	do	Jan. 31, 1974.
Anaconda Aluminum Co., 1430 South 13th St.: Aluminum foil rolling.	5.5	do	do	Do.
Anaconda Aluminum Co., 1225 West Burnett St.: Aluminum foil coating.	5.5	do	do	Apr. 19, 1975.
Atlantic Richfield Products: Gasoline storage tanks	5.0.1 5.1.1	do	do	Jan. 31, 1975.
Office of the Mayor, City Hall, Louisville, Ky.: Incinerator.	3.0.1	do	do	Apr. 15, 1975.
Fawcett Printing Corp.: Printing process	5.5.1	do	do	Apr. 19, 1975.
	5.5.2	do	do	Do.
	5.5.3	do	do	Do.
Gulf Oil Co.: Gasoline storage	5.0	do	do	Do.
	5.1	do	do	Do.
Reliance Universal, Inc.: Paint manufacturing	3.2	do	do	Do.
	5.5	do	do	Do.
H. J. Scheirich Co.:				
Paint spray	5.5.2	do	do	Do.
Wood-fired boilers	3.1	do	do	Do.
Naval Ordinance Station:				
Metal pickling	3.2	do	do	Do.
Metal cleaning	5.5	do	do	Do.
Metal polishing				
Metal painting				
Wood Mosaic: Wood veneering	3.2	Mar. 12, 1973	do	Jan 1, 1975.
Blue Grass Cooperate: Woodworking	3.2.2	Mar. 14, 1973	do	Apr. 19, 1975.
Diamond-Kosmos, Cement Division: Portland cement.	3.2.1.1	Mar. 14, 1975	do	Do.
Gamble Brothers, Inc.: Woodworking	3.2.2	Mar. 14, 1973	do	July 16, 1973.
International Harvester:				
Induction furnace	3.2.2	do	do	Dec. 31, 1974.
Machine shop	3.2.2	do	do	Do.
Porter Paint Co.: Paint manufacturing	3.2.2	do	do	Mar. 30, 1975.
	5.5.2	do	do	Do.
Airco Carbide Division:				
Carbide furnace	3.2	May 9, 1973	do	Feb. 28, 1975.
Dry acetylene generator	3.3	do	do	Do.
Louisville Medical Center: Boiler plant	3.1	do	do	Dec. 1, 1974.
	4.0	do	do	Do.
Louisville and Nashville railroad repair shops	3.2	do	do	Apr. 1, 1975.
	3.3	do	do	Do.
	5.5	do	do	Do.
Central Hospital; Powerplant	3.1	June 20, 1973	do	Jan. 31, 1975.
	4.0	do	do	Do.
Hazelwood Hospital; Powerplant	3.1	do	do	Do.

See footnote at end of table.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
	4.0	......do	......do	Do.
B. F. Goodrich Chemical Co.; Three coal-fired boilers.	3.1.1	July 11, 1975		
	3.1.3	......do		
		......do		Apr. 19, 1975.
		......do		Do.
Brown-Forman Distillers Corp.; Boiler	3.1,5.5	Aug. 8, 1973	......do	Do.
	4.0,7.0	......do	......do	Do.
Texaco, Inc.; Storage tanks	5.0.2	Mar. 12, 1973	......do	Jan. 31, 1974.
ADAIR COUNTY				
Gibson Lumber Co.:				
Sawdust	AP-3	Aug. 7, 1973	Immediately	Oct. 17, 1973.
Haulroad	AP-3	......do	......do	Do.
Chipper	AP-3	......do	......do	Do.
Debarker	AP-3	......do	......do	Do.
City Supply Co.: Cement silo	AP-3	Oct. 1, 1973	......do	May 30, 1974.
Morrison Lumber Co.:				
Sawdust blower	AP-3	Oct. 4, 1973	......do	Jan. 1, 1974.
Workyard	AP-3	......do	......do	Sept. 18, 1973.
Barnes Milling Co.:				
Receiving area	AP-3	June 15, 1973	......do	Apr. 1, 1974.
Cyclone separator and bulk loadout	AP-3	......do	......do	Do.
Day and Day feed mill: Cyclone dust collector	AP-3	June 13, 1973	......do	Dec. 31, 1973.
M. & W. Milling Co.: Cyclone dust collector	AP-3	......do	......do	Oct. 30, 1973.
Neal Lumber Co.:				
Sawmill	AP-3	Sept. 28, 1973	......do	Oct. 1, 1973.
Workyard	AP-3	......do	......do	Sept. 1, 1973.
ALLEN COUNTY				
Scottsville Ready Mix:				
Cement silo	AP-3	July 2, 1973	Immediately	Sept. 1, 1973.
Stone bin	AP-3	......do	......do	Aug. 6, 1973.
Batcher	AP-3	......do	......do	Do.
ANDERSON COUNTY				
Austin, Nichols Distilling Co., Inc.:				
Drying of stillage	AP-3	June 15, 1973	Immediately	Dec. 31, 1974.
Grain mill	AP-3	......do	......do	Do.
Hoffman Distilling				
BALLARD COUNTY				
Sippi Product Co.:				
Kilns	AP-9	Oct. 26, 1973	Immediately	Jan. 15, 1975.
Mixer vent	AP-3	......do	......do	Jan. 15, 1974.
BARREN COUNTY				
Supreme Mills, Inc.:				
Pellet cooler	AP-3	Oct. 3, 1973	Immediately	April 1, 1974.
Grain cleaner	AP-3	......do	......do	Do.
Monroe Bros. Feed Mill: Cyclone exit	AP-3	July 10, 1973	......do	Aug. 1, 1974.
BELL COUNTY				
Cumberland Gap Corp.:				
Debarker	AP-3	May 29, 1973	Immediately	Jan. 1, 1974.
Cyclone 3	AP-3		......do	Do.
Do		......do	Do.	
Cyclone at railroad car	AP-3	......do	......do	Do.
Vibrator screen	AP-3	......do	......do	Do.
Haul roads	AP-3	......do	......do	May 1, 1974.
Arthur Asher Co.:				
Burning of sawdust	AP-3	Sept. 28, 1973	......do	Do.
Log and lumber yards	AP-3	......do	......do	Aug. 1, 1973.
Bell Concrete Industries:				
Storage bin	AP-3	July 2, 1973	......do	Oct. 1, 1973.
Stock pile	AP-3	......do	......do	Do.
Batch hopper	AP-3	......do	......do	Do.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Truck loading	AP-3	do	do	Do.
Cement silo	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Apr. 6, 1973.
Tenn-Flake of Middlesboro:				
Boiler	AP-3	June 15, 1973	do	Nov. 15, 1974.
High press system	AP-3	do	do	Dec. 1, 1973.
Unloading station	AP-3	do	do	Jan. 15, 1973.
Cone and face dryers	AP-3	do	do	Apr. 1, 1974.
Yard area	AP-3	do	do	May 31, 1973.
Transfer tower enc	AP-3	do	do	Aug. 30, 1973.
Fuel bin cyclone	AP-3	do	do	Oct. 15, 1973.
BOONE COUNTY				
American Sign & Advertising Service, Inc.:				
Degreaser	AP-5	Sept. 28, 1973	Immediately	Apr. 1, 1974.
Paint booths	AP-5	do	do	June 1, 1974.
Bi-County Farm Bureau: Cyclone collector	AP-3	Oct. 3, 1973	do	Mar. 15, 1974.
BOURBON COUNTY				
Department of Health, Division of Tuberculosis, Control District 3 Tuberculosis hospital:				
Incinerator	AP-3	Aug. 6, 1973	Immediately	Sept. 1, 1974.
Coal-fired boilers	AP-3	do	do	Mar. 1, 1975.
BOYD COUNTY				
Herne Block & Building Supply Co., Inc.: Cement silo vent.	AP-3	Oct. 2, 1973	Immediately	Dec. 1, 1973.
Middles States Building Supplies Co.:				
Aggregate piles	AP-3	June 8, 1973	do	Aug. 1, 1973.
Batching plant	AP-3	do	do	Do.
Cement bin	AP-3	do	do	Do.
BOYLE COUNTY				
Concrete Materials Corp. Re: Danville facility cement silo stack.	AP-3	Aug. 6, 1973	Immediately	Nov. 1, 1973.
Boyle Block Co.: Cement storage bin	AP-3	Oct. 1, 1973	do	Dec. 31, 1973.
Genesco, Inc.:				
Dye spray	AP-3	Oct. 4, 1973	do	Mar. 1, 1974.
Vinyl sawing	AP-3	do	do	Do.
Sole trimmer	AP-3	do	do	Do.
BREATHITT COUNTY				
Breathitt County Coal Corp.:				
Haul road	AP-3	Oct. 1, 1973	Immediately	Dec. 31, 1973.
Truck dump	AP-3	do	do	Do.
Crusher	AP-3	do	do	Do.
Stockpile	AP-3	do	do	Do.
Big Sandy Ready Mix Concrete, Inc.:				
Cement silo vent	AP-3	June 12, 1973	do	Do.
Cement weigh hopper	AP-3	do	do	Do.
Truck loading	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Do.
BRECKINRIDGE COUNTY				
Community Milling Co.:				
Dump area	AP-3	June 12, 1973	Immediately	Jan. 15, 1974.
Cyclone exit	AP-3	do	do	Do.
BULLITT COUNTY				
M. E. Washington Ready-Mix Concrete:				
Cement silo	AP-3	Oct. 3, 1973	Immediately	May 3, 1974.
Truck loading hopper	AP-3	do	do	Do.
Cyclone Store: Cement silo vent	AP-3	June 15, 1973	do	May 20, 1973.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
BUTLER COUNTY				
Morgantown feed mill: Grain dryer and cyclone exit	AP-3	July 25, 1973	Immediately	Oct. 30, 1973.
CALDWELL COUNTY				
Princeton Mills, Inc.:				
Unloading and loading points	AP-3	June 15, 1973	Immediately	May 1, 1973.
Hammermill and cyclone	AP-3	do	do	Aug. 9, 1973.
CALLOWAY COUNTY				
Fitts Block & Ready Mix. Co., Inc.:				
Cement silo vent	AP-3	June 15, 1973	Immediately	Dec. 30, 1973.
Batch discharge	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Do.
Aggregate handling	AP-3	do	do	Do.
CAMPBELL COUNTY				
Hall Concrete Products Inc.: Cement silo	AP-3	Oct. 4, 1973	Immediately	Apr. 1, 1974.
Kent Division of LCA Corp.: 01 and 02 baking ovens	AP-5	Sept. 28, 1973	do	Nov. 1, 1974.
Reliance Universal Inc.:				
Cement silo	AP-3	Oct. 23, 1973	do	Mar. 1, 1974.
Haul roads	AP-3	do	do	Dec. 31, 1973.
The Ceramic Coating Co.:				
Sign furnace	AP-3	Sept. 28, 1973	do	Dec. 1, 1974.
Large vellel furnace	AP-3	do	do	Do.
Scheper Woodwork, Inc.: Cyclone exhaust	AP-3	Oct. 19, 1973	do	June 1, 1974.
Big Sandy Ready-Mix Concrete, Inc.:				
Cement silo vent	AP-3	June 12, 1973	do	Dec. 31, 1973.
Cement weigh hopper	AP-3	do	do	Do.
Truck loading	AP-3	do	do	Do.
Haul roads	AP-3	June 13, 1973	do	Do.
Perry & Derrick Paint Co.: Scale house	AP-5	do	do	Aug. 1, 1973.
CARTER COUNTY				
Grahn-Industrial Pallet: Sawdust blowpipe	AP-3	Sept. 28, 1973	Immediately	Jan. 30, 1973.
U.S. 60 Concrete:				
Aggregate piles	AP-3	June 13, 1973	do	Aug. 1, 1973.
Batching plant	AP-3	do	do	Do.
Cement bin	AP-3	do	do	Do.
CASEY COUNTY				
Casey County Farm Supply: Cyclone dust collector	AP-3	June 12, 1973	Immediately	Oct. 30, 1973.
CHRISTIAN COUNTY				
Dalton Bros. Brick: Scove kilns	AP-3	Sept. 8, 1973	Immediately	Aug. 1, 1974.
Kirkpatrick Concrete & Supply Co.:				
Weigh hopper	AP-3	Oct. 3, 1973	do	Dec. 30, 1973.
Cement silo	AP-3	do	do	Do.
Aggregate handling and stockpiles	AP-3	do	do	Do.
Thomas Industries: Koulene stripper	AP-3	Sept. 28, 1973	do	Oct. 1, 1974.
CLARK COUNTY				
Bundy Tubing, Division of Bundy Corp.: Incinerator	AP-3	Sept. 28, 1973	Immediately	Apr. 1, 1974.
Concrete Materials Corp., Winchester, Ky.: Cement silo stack.	AP-3	June 12, 1973	do	Nov. 1, 1973.
The Freeman Corp.:				
Teepee (veneer mill)	AP-3	June 15, 1973	do	July 1, 1973.
Chipper (veneer mill)	AP-3	do	do	July 31, 1973.
Teepee (sawmill)	AP-3	do	do	Aug. 15, 1974.
Road and yard	AP-3	do	do	May 15, 1973.
CLAY COUNTY				
London-Clay Ready-Mix Inc.:				
Cement silo	AP-3	June 13, 1973	Immediately	May 30, 1973.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Mixer truck	AP-3	do	do	Do.
Shamrock Coal Co.: Haul road	AP-3	June 15, 1973	do	May 31, 1973.
CRITTENDEN COUNTY				
Turner & Conyer Lumber Co., Inc.:				
Cyclone on chipper	AP-3	June 15, 1973	Immediately	Jan. 31, 1974.
Sawdust exhaust	AP-3	do	do	Do.
CUMBERLAND COUNTY				
Farmers Feed Mill: Cyclone dust collector	AP-3	June 12, 1973	Immediately	Sept. 30, 1973.
DAVIESS COUNTY				
Kentucky Concrete Pipe Co.:				
Cement bin	AP-3	Oct. 1, 1973	Immediately	Feb. 1, 1974.
Batcher	AP-3	do	do	Do.
Do	AP-3	do	do	Do.
Do	AP-3	do	do	Do.
Mixer	AP-3	do	do	Do.
Do	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Do.
Mixer	AP-3	do	do	Do.
Owensboro Precast Concrete:				
Dryer	AP-3	do	do	May 30, 1974.
Cement silo	AP-3	do	do	Do.
Anglo Sweet Feed Mills, Inc.:				
Cyclone exist	AP-3	June 28, 1973	do	Dec. 30, 1973.
Receiving pit	AP-3	do	do	Do.
Bulk loadout	AP-3	do	do	Do.
Can-Tex Industries, Division of Harsco Corp.:				
Exhaust dust from plant building	AP-3	June 29, 1973	do	Oct. 1, 1974.
Fugitive dust	AP-3	do	do	Jan. 1, 1974.
Exhaust from periodic kilns	AP-9	do	do	Oct. 1, 1974.
Green Coal Co.:				
Boilers	AP-3, 4	July 2, 1973	do	Oct. 1, 1973.
Dump hopper	AP-3	do	do	Do.
Preparation building	AP-3	do	do	Do.
Ben F. Medley & Co., Kentucky Distillers, Ltd.:				
Grain handling facility 3, 4, 5	AP-3	June 15, 1973	do	Jan. 31, 1974.
Coal-fired boiler	AP-3	do	do	Do.
Mullican Feed Mill, Inc.:				
Truck dump	AP-3	do	do	Feb. 30, 1974.
Cyclone dust collector	AP-3	do	do	Nov. 30, 1973.
Cyclone dust collector (seed cleaner)	AP-3	do	do	Do.
Overhead loadout bin	AP-3	do	do	Mar. 30, 1973.
Truck loadout, spout	AP-3	do	do	May 31, 1973.
Overhead loadout bin	AP-3	do	do	Do.
Bulk feed station, loadout spout	AP-3	do	do	Do.
ESTILL COUNTY				
Concrete Materials Corp.: Cement silo	AP-3	July 26, 1973	Immediately	Nov. 1, 1973.
FAYETTE COUNTY				
Featherlite Pre-Cast Corp.: Cement silo	AP-3	Oct. 5, 1973	Immediately	Dec. 1, 1973.
Kentucky Concrete Pipe Co.: Cement silo	AP-3	Oct. 1, 1973	do	Feb. 1, 1974.
Perry Lumber Co.: Cyclone emission from pallet manufacturing.	AP-3	Oct. 4, 1973	do	Aug. 4, 1974.
Southwestern Tobacco Co.:				
Powerplant	AP-3	do	do	Dec. 31, 1973.
Drying	AP-9	do	do	Oct. 1, 1974.
University of Kentucky:				
Incinerator	AP-3	June 12, 1973	do	Do.
Boilers Nos. 1 and 2	AP-3	do	do	Nov. 1, 1973.
FLOYD COUNTY				
Big Sandy Ready Mix Concrete, Inc.:				
Conveyor	AP-3	Sept. 28, 1973	Immediately	Mar. 30, 1974.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Cement silo	AP-3	do	do	Do.
Stock piles	AP-3	do	do	Do.
Big Sandy Ready Mix Concrete, Inc.:				
Cement silo vent	AP-3	June 12, 1973	do	Dec. 31, 1973.
Cement weigh hopper	AP-3	do	do	Do.
Truck loading	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Do.
Kentucky Hydrocarbon Co.: Incinerator	AP-3	Sept. 28, 1973	do	Oct. 1, 1973.
FRANKLIN COUNTY				
City of Frankfort municipal incinerator: Incinerator	AP-3	June 15, 1973	Immediately	Aug. 1, 1973.
Kentucky State University: Coal-fired boilers	AP-3	June 12, 1973	do	Sept. 1, 1974.
National Distillers Production Co.:				
Boilers	AP-3	June 15, 1973	do	Apr. 9, 1975.
Cyclone	AP-3	do	do	June 1, 1974.
Brands, Inc.: Boilers	AP-3	do	do	July 1, 1974.
FULTON COUNTY				
Lattus Ready Mix:				
Aggregate piles	AP-3	May 24, 1973	Immediately	Apr. 4, 1973.
Cement silo	AP-3	do	do	July 4, 1973.
Truck loading point	AP-3	do	do	Do.
GALLATIN COUNTY				
Gallatin County Farm Supply: Cyclone collector	AP-3	Oct. 1, 1973	Immediately	Jan. 1, 1974.
GRANT COUNTY				
Grant County Concrete Co., Inc.:				
Cement silo vent	AP-3	June 13, 1973	Immediately	Apr. 3, 1973.
Cement hopper	AP-3	do	do	Do.
Truck loadout	AP-3	do	do	June 3, 1973.
Do	AP-3	do	do	Do.
GRAVES COUNTY				
Kentucky-Tennessee Clay Co.: Rotary dryer	AP-3	June 15, 1973	Immediately	June 1, 1973.
Farmington Sweet Feed Mill: Hammermill and cyclone.	AP-3	June 12, 1973	do	Nov. 3, 1973.
Goodman & Sons Lumber Co.:				
Main saw and edger	AP-3	Oct. 1, 1973	do	July 1, 1974.
Blowpipe exhaust	AP-3	do	do	Do.
Rhodes Feed & Supply: Cyclone on hammermill	AP-3	June 15, 1973	do	Sept. 3, 1973.
Mayfield Milling Co.:				
Air loader (boxcars)	AP-3	do	do	Oct. 1, 1973.
Belt loader	AP-3	do	do	Do.
Spout loaders	AP-3	do	do	Do.
Truck dump points	AP-3	do	do	Do.
Grain dryer	AP-3	do	do	Do.
Mayfield Sweet Feed Mill, Inc.:				
Cyclone on hammermill	AP-3	do	do	Dec. 1, 1973.
Dryer (grain)	AP-3	do	do	June 1, 1974.
GRAYSON COUNTY				
Koppers Co., Inc.:				
Debarker	AP-3	Oct. 1, 1973	Immediately	Jan. 1, 1974.
Chipper	AP-3	do	do	Do.
Leitchfield Concrete Products, Inc.: Cement silo	AP-3	June 15, 1973	do	Nov. 15, 1973.
Cannyville Roller Mill:				
Cyclone	AP-3	do	do	Jan. 15, 1974.
Unloading area	AP-3	do	do	Nov. 1, 1973.
Bulk loadout	AP-3	do	do	Do.
GREEN COUNTY				
Green County Milling Co.: Cyclone dust collectors	AP-3	June 12, 1973	Immediately	Sept. 30, 1973.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Greensburg Manufacturing Co.:				
Boiler house cyclone, mfg. bldg. cyclone, truck loading cyclone.	AP-3	May 28, 1973	do	Jan. 31, 1975.
Boiler (wood)	AP-3	May 28, 1972	do	Do.
GREENUP COUNTY				
E. I. DuPont de Nemours & Co., Inc.: Sulfuric acid plant.	AP-3	June 15, 1973	Immediately	May 1, 1974.
Shepherd Lumber Co.:				
Sawdust blowpipe	AP-3	Oct. 22, 1973	do	Oct. 1, 1973.
Haul roads	AP-3	do	do	Do.
Russell Readi Mix Corp.:				
Aggregate piles	AP-3	June 8, 1973	do	Aug. 1, 1973.
Batching plant	AP-3	do	do	Do.
Cement bin	AP-3	do	do	Do.
Chesapeake & Ohio Railway Co.: Boiler	AP-3	Aug. 1, 1973	do	Apr. 9, 1975.
HANCOCK COUNTY				
Young's Feed & Grain: Cyclone exit	AP-3	Sept. 28, 1973	Immediately	Dec. 30, 1974.
National Southwire Aluminum Co.:				
Air control stack	AP-3	June 12, 1973	do	Dec. 1, 1974.
Carbon bake stack	AP-3	do	do	Apr. 1, 1975.
HARDIN COUNTY				
Elizabethtown Ready Mix Concrete Co.:				
Cement vent	AP-3	June 6, 1973	Immediately	May 3, 1974.
Cement silo vent	AP-3	do	do	Do.
Weigh hopper	AP-3	do	do	June 3, 1974.
Truck loading hopper	AP-3	do	do	Sept. 3, 1973.
Haul road	AP-3	June 3, 1973	do	June 3, 1973.
Dow Corning Corp.: Sealant base mixing	AP-3	June 15, 1973	do	Jan. 1, 1974.
Diecks Concrete Block Co., Inc.:				
Cement silo	AP-3	Oct. 26, 1973	do	May 15, 1974.
Haul roads	AP-3	do	do	Oct. 15, 1973.
Crucible Inc., Magnet Division:				
Powder iron mixing	AP-3	June 15, 1973	do	Aug. 15, 1973.
Vinyl chloride coating system	AP-3	do	do	May 15, 1973.
Mean and brake oven	AP-3	do	do	Do.
Tower oven	AP-3	do	do	Jan. 1, 1975.
HARRISON COUNTY				
Joseph E. Seagram & Sons, Inc.: Coal-fired boilers	AP-3	July 27, 1973	Immediately	Jan. 1, 1975.
HARLAN COUNTY				
Dixie Fuel Co.: Stockpile	AP-3	Oct. 2, 1973	Immediately	Dec. 1, 1973.
Grays Knob Coal Co.:				
Main stockpile	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Do.
Harlan Fuel Co.:				
Stockpile	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Do.
Gaines Lumber Co.:				
Wasteburner	AP-3	June 15, 1973	do	Oct. 1, 1973.
Haul roads	AP-3	do	do	Apr. 5, 1973.
Harlan Ready Mix Concrete Co.:				
Stockpile	AP-3	June 12, 1973	do	Do.
Weigh bin	AP-3	do	do	Do.
Loadout shoot	AP-3	do	do	Oct. 1, 1973.
Cement silo	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Apr. 5, 1973.
HART COUNTY				
Mundfordville Milling Co.: Cyclone exhaust	AP-3	June 15, 1973	Immediately	Jan. 1, 1974.
Square Deal Lumber Co.:				
Concrete batch	AP-3	June 12, 1973	do	June 15, 1973.
Haul roads	AP-3	do	do	Do.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Pascal Feed Co.: Cyclone dust collector	AP-3	June 13, 1973	do	Oct. 30, 1973.
Horse Cave Feed Mill:				
Cyclone exit	AP-3	July 2, 1973	do	Dec. 30, 1973.
Receiving pit	AP-3	do	do	Do.
Bulk loadout	AP-3	do	do	Do.
HENDERSON COUNTY				
The Osborn Manufacturing Co.:				
Boiler	AP-3	Aug. 10, 1973	Immediately	Feb. 28, 1975.
Spray booth	AP-3	do	do	Nov. 30, 1973.
Katterjohn, Inc.:				
Spray paint booth	AP-3	Oct. 26, 1973	do	Oct. 1, 1973.
Wood waste blow	AP-3	do	do	Aug. 1, 1974.
Pipe discharge	AP-3	do	do	Do.
James C. Ellis Grain Co.:				
Truck dumps	AP-3	June 21, 1973	do	Apr. 1, 1975.
Car load out	AP-3	do	do	Do.
Suction air cyclone	AP-3	do	do	Do.
Randolphs grain dryer, Hess grain dryer	AP-3	do	do	Do.
HOPKINS COUNTY				
Green River Clay Products: Gas-fired kiln	AP-3	June 12, 1973	Immediately	Oct. 1, 1974.
Zeigler Coal Co.:				
Coal crusher	AP-3	June 15, 1973	do	Feb. 1, 1974.
Belt transfer to stack	AP-3	do	do	Do.
Belt transfer to rail	AP-3	do	do	Do.
Yard area	AP-3	do	do	Dec. 31, 1973.
JACKSON COUNTY				
McWhorter Stave Co.:				
Headsaw	AP-3	Sept. 28, 1973	Immediately	Sept. 1, 1973.
Yard area	AP-3	do	do	July 18, 1973.
JESSAMINE COUNTY				
Crouse Concrete & Builders Supply:				
Cement silo vent	AP-3	Oct. 1, 1973	Immediately	Dec. 30, 1973.
Weigh hoppers	AP-3	do	do	Do.
Batch discharge	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Do.
Aggregate handling	AP-3	do	do	Do.
Stockpiles	AP-3	do	do	Do.
Wings Mixed Concrete Co., Inc.:				
Cement silo vent	AP-3	June 8, 1973	do	May 15, 1973.
Rock dust	AP-3	do	do	July 15, 1973.
Aggregates	AP-3	do	do	Do.
JOHNSON COUNTY				
Adams Construction Corp.: Asphalt plant	AP-3	June 15, 1973	Immediately	Dec. 30, 1973.
KENTON COUNTY				
The Safeguard Corp.: 03, 04, 05 kapok shredded foam systems.	AP-3	Oct. 1, 1973	Immediately	Dec. 1, 1974.
KNOX COUNTY				
Ely Fuel Co.:				
Coal dumping	AP-3	Oct. 1, 1973	Immediately	Jan. 1, 1974.
Coal crushing	AP-3	do	do	Do.
Coal conveyor	AP-3	do	do	Do.
Haul roads and coal storage	AP-3	do	do	Do.
Richland Coal Co.:				
Crushing and screening	AP-3	do	do	Feb. 1, 1974.
Coal loading	AP-3	do	do	Do.
Patterson Lumber Co.:				
Debarker	AP-3	July 2, 1973	do	Oct. 1, 1973.
Chip screen	AP-3	do	do	Do.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Haul roads	AP-3	do	do	May 1, 1973.
LARUE COUNTY				
Larue County Ready-Mix Inc.:				
Cement Silo Vent Weigh Hoppers	AP-3	June 12, 1973	Immediately	Dec. 30, 1973.
Batch discharge	AP-3	do	do	Do.
Haul Roads	AP-3	do	do	Do.
Aggregate handling	AP-3	do	do	Do.
LAUREL COUNTY				
London Clay Ready Mix, Inc.:				
Truck loading	AP-3	July 26, 1973	Immediately	May 15, 1973.
Cement silo	AP-3	do	do	July 15, 1973.
LAWRENCE COUNTY				
Kentucky Power Co.:				
Boiler 1		June 15, 1973	Immediately	Dec. 31, 1973.
Boiler 2		do	do	June 30, 1973.
LEE COUNTY				
Beattyville Concrete Block Co., Inc.: Cement silo	AP-3	June 12, 1973	Immediately	Oct. 30, 1973.
LETCHER COUNTY				
Beth-Elkhorn Coal Corp.:				
Thermal dryer	AP-3	June 11, 1973	Immediately	Apr. 29, 1974.
Horizontal fire tube boiler	AP-3,4	do	do	Do.
Green & Webb Lumber Co., Inc.:				
Teepee burner	AP-3	June 15, 1973	do	Sept. 1, 1973.
Debarking	AP-3	do	do	June 3, 1973.
Truck and railroad car loading	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Apr. 3, 1973.
LEWIS COUNTY				
Moore & White Lumber Co., Inc.:				
Chipper	AP-3	June 15, 1973	Immediately	June 5, 1973.
Teepee burner	AP-3	do	do	Jan. 5, 1974.
Haul roads	AP-3	do	do	May 5, 1973.
LINCOLN COUNTY				
Standford Ready Mix: Cement silo vent	AP-3	June 8, 1973	Immediately	Apr. 30, 1973.
LOGAN COUNTY				
Rockwell Manufacturing Co.:				
Melting furnace stack	AP-3	June 12, 1973	Immediately	Apr. 15, 1974.
Incinerator	AP-3	do	do	Mar. 15, 1974.
Kentucky Mills, Inc.:				
Chipper	AP-3	June 15, 1973	do	Dec. 15, 1973.
Chipper at railroad car	AP-3	do	do	May 10, 1973.
Stockpile	AP-3	do	do	Dec. 15. 1973.
Sawdust blowpipe	AP-3	do	do	Do.
Lewisburg Roller Mills:				
Truck dump pit	AP-3	do	do	June 1, 1973.
Hammer mill cyclone	AP-3	do	do	Apr. 1, 1974.
MADISON COUNTY				
Builders Concrete Block Co., Inc.:				
Cement silo	AP-3	Oct. 1, 1973	Immediately	Dec. 31, 1973.
Receiving hopper	AP-3	do	do	Dec. 1, 1973.
Wyatt Supply Co.:				
Silo vent	AP-3	June 8, 1973	do	Aug. 15, 1973.
Truck loadout	AP-3	do	do	Do.
Weight batcher to mixer	AP-3	do	do	Do.
Westinghouse Electric Corp.: Scrap crushing	AP-3	June 12, 1973	do	July 1973.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Concrete Materials Corp.—Richmond facility: Cement silo stack.	AP-3	......do	......do	Nov. 1, 1973.
Concrete Materials Corp.—Berea facility:				
Cement silo stack	AP-3	......do	......do	Do.
Cement dump into trucks	AP-3	......do	......do	Apr. 15, 1973.
MAGOFFIN COUNTY				
Ivyton Coal Co., Inc.:				
Dump area	AP-3	Oct. 1, 1973	Immediately	Feb. 1, 1974.
Crusher	AP-3	......do	......do	Do.
Conveyor	AP-3	......do	......do	Do.
MARION COUNTY				
Bourbon Cooperage Co.:				
Boilers	AP-3	Sept. 26, 1973	Immediately	Dec. 1, 1974.
Collector	AP-3	......do	......do	Do.
Elizabethtown Ready Mix Concrete Co.:				
Cement silo vent	AP-3	June 12, 1973	......do	May 3, 1974.
Cement weigh hopper	AP-3	......do	......do	June 3, 1974.
Truck loading hopper	AP-3	......do	......do	Aug. 3, 1973.
Haul road	AP-3	......do	......do	June 3, 1973.
MARSHALL COUNTY				
Long Concrete Co., Inc.: Cement silo vent	AP-3	June 6, 1973	Immediately	May 31, 1973.
Boiler (coal)	AP-3	July 26, 1973	......do	Sept. 1, 1974.
G.A.F. Corp.:	AP-4	......do	......do	Apr. 1, 1978.
Methylamine process	AP-9	......do	......do	Dec. 31, 1974.
Birmingham Milling Co.: Cyclone	AP-3	June 12, 1973	......do	Mar. 2, 1974.
Terry Smith Concrete Products:				
Cement silo	AP-3	Oct. 3, 1973	......do	Jan. 1, 1974.
Batch mix	AP-3	......do	......do	Do.
Aggregate bins	AP-3	......do	......do	Do.
Haul roads	AP-3	......do	......do	Do.
B.F. Goodrich Chemical Co.:				
Process cleaning vents	AP-3	Oct. 9, 1973	......do	Sept. 1, 1974.
Steam boiler	AP-4	......do	......do	June 15, 1978.
American Aniline & Extract Co.:				
Sodium methacrylate recovery system	AP-3	Oct. 19, 1973	......do	Sept. 30, 1973.
Do	AP-3	......do	......do	Apr. 30, 1974.
MCCRACKEN COUNTY				
Sippi Products Co.: Gas-fired kiln	AP-9	Oct. 26, 1973	Immediately	Oct. 15, 1974.
Long Block Co., Inc.:				
Weighing hopper	AP-3	Oct. 2, 1973	......do	Jan. 1, 1974.
Conveyor dumping aggregate storage	AP-3	......do	......do	Do.
Central States Veneers, Inc.:				
Yard and roads	AP-3	Sept. 28, 1973	......do	Sept. 30, 1973.
Debarking	AP-3	......do	......do	Do.
Sawdust discharge	AP-3	......do	......do	July 1, 1974.
Chipper screen	AP-3	......do	......do	Sept. 30, 1973.
MCLEAN COUNTY				
Green River Chair Co.:				
Boiler	AP-3	Aug. 6, 1973	Immediately	Nov. 18, 1974.
Woodworking facility	AP-3	......do	......do	Mar. 1, 1975.
Paint spray booths	AP-3	......do	......do	June 1, 1974.
MEADE COUNTY				
Meade County Ready Mix Concrete:				
Truck loading point	AP-3	June 8, 1973	Immediately	May 1, 1973.
Cement silo	AP-3	......do	......do	Jan. 15, 1974.
Aggregates	AP-3	......do	......do	May 1, 1973.
The Flintkote Co., Division Diamond-Kosmos Cement:				
Rock drill	AP-3	Oct. 6, 1973	......do	Mar. 9, 1973.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Crusher	AP-3	do	do	Sept. 9, 1974.
MERCER COUNTY				
Harrodsburg Ready Mix Concrete Co., Inc.:				
Cement silo vent	AP-3	June 8, 1973	Immediately	May 14, 1973.
Aggregate	AP-3	do	do	Do.
METCALFE COUNTY				
Dickerson Lumber Co.:				
Cyclone on teepee	AP-3	June 15, 1973	Immediately	Nov. 30, 1973.
Teepee burner	AP-3	do	do	Do.
MONROE COUNTY				
Graham Pallet Co.:				
Dust house	AP-3	Oct. 4, 1973	Immediately	Dec. 1, 1973.
Loading conveyor	AP-3	do	do	Aug. 16, 1973.
Monroe Sweet Feed Mill:				
Cyclone exit	AP-3	June 15, 1973	do	Dec. 30, 1973.
Receiving pit	AP-3	do	do	Do.
Bulk loadout	AP-3	do	do	Do.
MORGAN COUNTY				
Wells Ready Mix Concrete: Truck dump	AP-3	June 8, 1973	Immediately	Aug. 28, 1973.
MUHLENBERG COUNTY				
Peabody Coal Co., River Queen Mine:				
Boilers	AP-3,4	Oct. 5, 1973	Immediately	Oct. 15, 1974.
Crusher	AP-3	do	do	Mar. 1, 1974.
U & W Pallet Co., Inc.:				
Blowpipe exhaust	AP-3	Oct. 1, 1973	do	Jan. 31, 1974.
Planner	AP-3	do	do	Do.
Notcher	AP-3	do	do	Do.
Yard area haul roads	AP-3	do	do	Dec. 31, 1973.
NELSON COUNTY				
D.B. Sutherland & Sons: Dust room collector	AP-3	June 22, 1973	Immediately	Sept. 30, 1973.
Heaven Hill Distilleries Inc.: Grain cleaning and grain milling.	AP-3	June 12, 1973	do	Jan. 31, 1974.
Bardstown Mills, Inc.:				
Cyclone exit	AP-3	June 13, 1973	do	Dec. 31, 1974.
Receiving area	AP-3	do	do	Do.
Grain dryer	AP-3	do	do	Do.
Bardstown Ready-Mix Concrete Co.:				
Cement silo vent	AP-3	June 15, 1973	do	May 3, 1974.
Weigh hopper	AP-3	do	do	Do.
Truck loading	AP-3	do	do	July 3, 1973.
Haul road	AP-3	do	do	June 3, 1973.
Joseph E. Seagram & Sons, Inc., Fairfield Plant: Coal-fired boiler.	AP-3	June 14, 1973	do	Jan. 1, 1975.
Rose Construction Co., Inc.: Truck loading	AP-3	Oct. 1, 1973	do	Dec. 31, 1973.
Ray A. Parrish & Sons:				
Cement silo	AP-3	do	do	June 1, 1974.
Yard storage areas	AP-3	do	do	Aug. 1, 1974.
OHIO COUNTY				
Dunaway Timber Co., Inc.:				
1, 2, and 3 cyclone exhaust	AP-3	Oct. 1, 1973	Immediately	Jan. 31, 1974.
Yard work area	AP-3	do	do	Sept. 1, 1973.
Ross Brothers Lumber Co.:				
Blower, saw	AP-3	June 15, 1973	do	May 15, 1973.
Blower, chipper	AP-3	do	do	Do.
Debarker	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Do.
Young Manufacturing Co., Inc.:				
Incinerator	AP-3	do	do	June 30, 1973.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Incinerator	AP-3	do	do	Do.
Cyclone I	AP-3	do	do	Do.
Cyclone II	AP-3	do	do	Jan. 1, 1974.
Cyclone III	AP-3	do	do	Do.
125 hp boiler	AP-3, 4	do	do	Apr. 1, 1975.
OLDHAM COUNTY				
Southern States Lagrange Corp.: Coal-fired boiler	AP-3	June 7, 1973	Immediately	Dec. 31, 1973.
PENDLETON COUNTY				
Griffin Industries, Inc.: Rendering facility	AP-9	Oct. 4, 1973	Immediately	Feb. 1, 1974.
Black River Mining Co.:				
Surface plant	AP-3	June 15, 1973	do	May 1, 1973.
Lime kilns	AP-3	do	do	Apr. 3, 1973.
Lime kiln	AP-3	do	do	June 15, 1973.
Clyde S. Parker Ready Mix:				
Cement silo	AP-3	June 22, 1973	do	May 4, 1973.
Cement loading hopper	AP-3	do	do	Do.
Aggregate loading belt	AP-3	do	do	Do.
PERRY COUNTY				
Blue Diamond Coal Co.:				
Conveyor belt discharge to ground storage	AP-3	June 11, 1973	Immediately	July 30, 1973.
Conveyor belt discharge to ground storage—Lincoln.	AP-3	do	do	Do.
Railroad car loading	AP-3	do	do	May 1, 1973.
Truck haul roads	AP-3	do	do	May 15, 1973.
Truck dump	AP-3	do	do	Aug. 31, 1973.
R.O.M. bin 3 conveyor belt discharge	AP-3	do	do	Aug. 30, 1973.
Railroad car shakeout	AP-3	do	do	Dec. 31, 1973.
Blending bin belt discharge	AP-3	do	do	Nov. 30, 1973.
Loadouts at blending belts	AP-3	do	do	June 31, 1973.
Railroad car loading	AP-3	do	do	Nov. 30, 1973.
Conveyor belt discharge to clean coal storage	AP-3	do	do	Do.
Loading rooms preparation plant	AP-3	do	do	May 18, 1973.
Coal dryer	AP-3	do	do	Sept. 30, 1974.
Preparation plant heating plant boiler	AP-3	do	do	Do.
Mine car dump	AP-3	do	do	Do.
Mine car dump preparation plant	AP-3	do	do	Dec. 31, 1973.
Conveyor belt discharge baker branch	AP-3	do	do	July 30, 1973.
PIKE COUNTY				
Caney Branch Coal Co., Inc.: Receiving hopper	AP-3	Oct. 2, 1973	Immediately	Mar. 1, 1974.
Colley Block Co., Inc.: Cement silo vent	AP-3	Oct. 1, 1973	do	Do.
Double O Coal Co.: Coal Stockpile	AP-3	Oct. 2, 1973	do	Jan. 1, 1974.
Kentucky Elkhorn Coals, Inc.:				
Truck Bin	AP-3	Oct. 1, 1973	do	May 30, 1974.
Crusher	AP-3	do	do	Do.
Williamson Appalachian Regional Hosp.:				
Boilers	AP-3	June 11, 1973	do	Oct. 1, 1974.
Incinerator	AP-3	do	do	Nov. 1, 1973.
POWELL COUNTY				
H. B. Sipple Brick Co.:				
Kiln exhaust	AP-9	June 15, 1973	Immediately	Oct. 1, 1974.
Grinding and screening operation	AP-3	do	do	Dec. 31, 1973.
PULASKI COUNTY				
American Concrete Pumping Co.				
Cement silo	AP-3	Oct. 3, 1973	Immediately	Mar. 14, 1974.
Aggregate	AP-3	do	do	Do.
Mid State Automotive Parts Rebuilders:				
Buffer and degreaser	AP-3	Sept. 28, 1973	do	Nov. 1, 1973.
Paint booth	AP-3	do	do	Do.
Lear Siegler, Inc.: Incinerator	AP-3	do	do	Apr. 5, 1974.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Ready Mix Concrete Co.:				
Cement Silo Weigh Hopper	AP-3	June 14, 1973	do	Dec. 30, 1973.
Batch discharge	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Do.
Aggregate handling	AP-3	do	do	Do.
Cement silo vent	AP-3	do	do	Do.
Mixer	AP-3	do	do	Do.
Robinson Milling Co., Inc.:				
Cyclone dust collector		June 15, 1973	do	Dec. 31, 1973.
Do		do	do	June 30, 1974.
Do		do	do	Dec. 31, 1974.
ROCKCASTLE COUNTY				
Farmers Feed & Supply:				
Cyclone exit	AP-3	Oct. 5, 1973	Immediately	May 1, 1974.
Truck dump pit	AP-3	do	do	Dec. 30, 1973.
Standford Ready Mix:				
Silo vent	AP-3	June 14, 1973	do	June 15, 1973.
Stockpile	AP-3	do	do	May 31, 1973.
Batch loadout	AP-3	do	do	Do.
ROWAN COUNTY				
B & W Pallet Co.: Sawdust blow pipe	AP-3	Sept. 28, 1973	Immediately	Jan. 30, 1973.
Morehead State University: Boiler	AP-3	June 15, 1973	do	Sept. 1, 1973.
Consolidated Ready Mix, Inc.: Cement silo		do	do	Dec. 30, 1973.
J. C. Wells & Son, Inc.:				
Teepee burner	AP-3	do	do	Apr. 15, 1973.
Haul roads	AP-3	do	do	Do.
White Lumbor Co.:				
Teepee burner	AP-3	do	do	Apr. 1, 1974.
Sawmill	AP-3	do	do	July 1, 1973.
Haul roads	AP-3	do	do	May 1, 1973.
RUSSELL COUNTY				
Russell Co. Feed Mill, Inc.: Cyclone dust collector	AP-3	June 15, 1973	Immediately	Dec. 31, 1973.
Farmers Feed Mill: Cyclone dust collector	AP-3	do	do	Oct. 30, 1973.
SCOTT COUNTY				
Nally & Gibson Georgetown Inc.:				
Cement silo	AP-3	Oct. 5, 1973	Immediately	Dec. 30, 1973.
Cement batcher	AP-3	do	do	Do.
Truck loading point	AP-3	do	do	Do.
Aggregate bin	AP-3	do	do	Do.
SHELBY COUNTY				
Bagdad Roller Mills, Inc.: Tal plant	AP-3	June 14, 1973	Immediately	Apr. 9, 1975.
Climax Mills, Inc.: Cyclone separator	AP-3	June 12, 1973	do	Apr. 1, 1974.
SIMPSON COUNTY				
Hudsons Farm Service:				
Cyclone exit	AP-3	June 15, 1973	Immediately	Dec. 30, 1973.
Receiving pit	AP-3	do	do	Nov. 30, 1973.
Bulk loadout	AP-3	do	do	Do.
SPENCER COUNTY				
Crescent Roller Mills Co., Inc.: Cyclone dust collector.	AP-3	Oct. 3, 1973	Immediately	Feb. 1, 1974.
TAYLOR COUNTY				
Whitney and Whitney Lumber Co.: Yard area	AP-3	Oct. 4, 1973	Immediately	Sept. 18, 1973.
J. E. Bailey Wood Products: Yard area	AP-3	do	do	Do.
Taylor County Feed Co.: Cyclone dust collector		July 2, 1973	do	Nov. 30, 1973.
Buckhorn Coal and Lumber Co.:				
Silo vent	AP-3	June 15, 1973	do	Oct. 30, 1973.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Batch dump	AP-3	......do	......do	Do.
Campbellsville Milling Co.:				
Cyclone	AP-3	......do	......do	Sept. 30, 1973.
Receiving and shipping	AP-3	......do	......do	Do.
TODD COUNTY				
Allensville Grain Co., Inc.:				
Grain unloading	AP-3	June 12, 1973	Immediately	Apr. 1, 1974.
Grain dryer	AP-3	......do	......do	Apr. 4, 1975.
TRIGG COUNTY				
Futrell Sawmill:				
Main saw and edger	AP-3	Oct. 1, 1973	Immediately	Jan. 31, 1974.
Yard area	AP-3	......do	......do	July 26, 1973.
UNION COUNTY				
Custom Feed Mills: Cyclone exit	AP-3	June 15, 1973	Immediately	Jan. 30, 1974.
Morgan Concrete & Materials Co.:				
Cement silo	AP-3	June 12, 1973	......do	Dec. 30, 1973.
Batch discharge	AP-3	......do	......do	Do.
WARREN COUNTY				
Tri-County Stone Co.:				
Primary crusher	AP-3	June 6, 1973	Immediately	May 1, 1973.
Hammer mill	AP-3	......do	......do	Do.
Lime pulverizer	AP-3	......do	......do	Do.
Colt Industries—Holley Carburetor Division: Incinerator.	AP-3	June 15, 1973	......do	July 31, 1973.
Dibrell-Ky., Inc.: Redrying	AP-9	Oct. 1, 1973	......do	Dec. 1, 1974.
Farmers Supply & Produce: Cyclone collector	AP-3	......do	......do	Mar. 1, 1974.
Pan American Mills, Inc.:				
Receiving area	AP-3	July 2, 1973	......do	Nov. 1, 1973.
Hammermill cyclone	AP-3	......do	......do	Feb. 1, 1974.
WASHINGTON COUNTY				
Hayden Mill & Grain	AP-3	July 17, 1973	Immediately	Sept. 30, 1973.
Springfield Redrying Co.: Ordering exhaust	AP-9	Oct. 4, 1973	......do	Oct. 1, 1974.
WEBSTER COUNTY				
Sebree Feed & Grain Inc.:				
Truck receiving	AP-3	Oct. 4, 1973	Immediately	Oct. 30, 1973.
Rail car loading	AP-3	......do	......do	Do.
Morgan Concrete & Materials:				
Cement silo weigh	AP-3	June 12, 1973	......do	Dec. 30, 1973.
Hopper, batch discharge	AP-3	......do	......do	Do.
WHITLEY COUNTY				
Kentucky Mills, Inc., of Williamsburg:				
Saw	AP-3	June 15, 1973	Immediately	June 1, 1973.
Cyclone	AP-3	......do	......do	Do.
Pennington Ready-Mix Co.:				
Cement storage	AP-3	Oct. 1, 1973	......do	Jan. 30, 1974.
Truck loading	AP-3	......do	......do	Do.
Conveyors	AP-3	......do	......do	Do.
Haul roads	AP-3	......do	......do	Do.
WOODFORD COUNTY				
National Distillers Projects Co.:				
Boilers	AP-3	June 15, 1973	Immediately	Apr. 9, 1975.
Cyclone	AP-3	......do	......do	June 1, 1974.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
COMMONWEALTH OF KENTUCKY				
Kentucky Electric Steel Co., Boyd County:				
Electric arc furnace	AP-3	Dec. 28, 1973	Immediately	Nov. 19, 1973.
Do	AP-3	do	do	July 1, 1974.
Do	AP-3	do	do	Oct. 4, 1974.
Tundish and ladle lancing	AP-3	do	do	Sept. 27, 1974.
Electric arc furnace	AP-3	do	do	Oct. 25, 1974.
American Olean Tile Co., Hancock County:				
02 Calcine furnace	AP-9	do	do	Oct. 1, 1974.
03 Allied tunnel kiln	AP-9	do	do	Do.
04 Allied tunnel kiln	AP-9	do	do	Do.
08 Allied tunnel kiln	AP-9	do	do	Do.
09 Allied tunnel kiln	AP-9	do	do	Do.
American Olean Tile Co., Breckinridge County:				
02 Allied tunnel kiln	AP-9	do	do	Do.
03 Allied tunnel kiln	AP-9	do	do	Do.
Parker Seal Co., Fayette County:				
Post cure oven vent	AP-3	Dec. 5, 1973	do	Apr. 1, 1975.
Hard chrome operation exhaust	AP-3	do	do	Do.
Dr. Scholl Shoe Co., Pendleton County: Spray booth	AP-3	Nov. 26, 1973	do	Dec. 1, 1973.
Kentucky Utilities Co. Ghent Facility, Carroll County: Unit No. 1.	AP-3	Nov. 15, 1973	do	June 1, 1974.
	AP-4	do	do	Jan. 31, 1977.
	AP-7	do	do	June 1, 1974.
C. J. Thomas & Sons, Inc., Lewis County: Sawdust blowpipe system.	AP-3	Oct. 28, 1973	do	Nov. 1, 1973.
Consolidated Ready Mix, Rowan County: 02 Cement silo.	AP-3	June 15, 1973	do	Dec. 30, 1973.
Phelps Dodge Magnet Wire Co., Christian County:				
Magnet wire manufacturing	AP-3	Oct. 31, 1973	do	Apr. 1, 1975.
Do	AP-9	do	do	Apr. 1, 1978.
Burkesville Ready Mix, Cumberland County: 05 Truck loading.	AP-3	Oct. 5, 1973	do	Dec. 31, 1973.
Reliable Wood Service, Inc., Edmonson County:				
Exhaust pipe	AP-3	Nov. 15, 1973	do	Jan. 31, 1974.
Yard area and haul road	AP-3	do	do	Aug. 1, 1973.
Buckhorn Hazard Coal Co., Perry County: 02 Stacker/conveyor.	AP-3	Nov. 21, 1973	do	Mar. 1, 1974.
Clarence Maggard Coal Co., Leslie County Mine car dump.	AP-3	Nov. 20, 1973	do	Dec. 15, 1973.
Ecco Coal Mining Co., Perry County:				
Truck dump	AP-3	do	do	July 1, 1974.
Conveyor	AP-3	do	do	Do.
Screens, crushers and car loading	AP-3	do	do	Do.
Henry Clay Mining Co., Pike County:				
01 Haul roads	AP-3	Nov. 19, 1973	do	Sept. 21, 1973.
03 Crusher	AP-3	do	do	May 1, 1974.
Indian Head Processing Co., Perry County:				
01 Truck dump	AP-3	Nov. 20, 1973	do	Mar. 1, 1974.
04 Car loading	AP-3	do	do	Do.
North-East Coal Co., Johnson County: Truck dump area.	AP-3	Nov. 23, 1973	do	Apr. 30, 1974.
Wade Hacker Sawmill, Clay County:				
Sawdust discharger	AP-3	Nov. 15, 1973	do	Dec. 15, 1973.
Planer discharge	AP-3	do	do	Aug. 15, 1973.
Haul roads	AP-3	do	do	July 15, 1973.
Waste burning	AP-3	do	do	Aug. 31, 1973.
Anderson & Spilman Milling Co., Boyle County: Cyclone exit.	AP-3	Nov. 23, 1973	do	Sept. 30, 1974.
Duncan & McFarland Farm Service, Inc., Anderson County: Cyclone exit.	AP-3	Nov. 19, 1973	do	Do.
Farmers Feed Mill, Inc., Fayette County: Cyclone collector.	AP-3	do	do	Mar. 1, 1974.
Lawrenceburg Supply Co., Anderson County:				
01 Silo	AP-3	Nov. 15, 1973	do	Jan. 1, 1974.
02 Aggregate handling	AP-3	do	do	Do.
04 Haul roads	AP-3	do	do	Do.
Morgan Concrete Company, Inc., Jessamine County:				
Silo vent	AP-3	Nov. 21, 1973	do	Apr. 1, 1974.
Truck loading	AP-3	do	do	Do.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
National Casket Co., Garrard County:				
03 Cyclone collector for sanding	AP-3	Nov. 15, 1973	do	June 1, 1974.
26 Adhesive spray booth	AP-3	do	do	Feb. 1, 1974.
Shely Construction Co., Fayette County: Cement silo vent.	AP-3	Nov. 19, 1973	do	Dec. 1, 1973.
Teater & Cassity Farm Service, Inc., Jessamine County: Cyclone exit.	AP-3	Nov. 23, 1973	do	Sept. 30, 1974.
Ideal Supplies, Inc., Kenton County: Cement silo vent.	AP-3	Nov. 19, 1973	do	Feb. 20, 1975.
Lingo Manufacturing Co., Inc., Boone County:				
Spray booth 4, 5, 6	AP-5	Dec. 20, 1973	do	Jan. 15, 1975.
Baking oven 7, 8	AP-5	do	do	Do.
Wadsworth Electric Manufacturing Co., Kenton County: 04 Baking oven.	AP-5	Nov. 29, 1973	do	Sept. 23, 1974.
William Booth Memorial Hospital, Kenton County: Incinerator	AP-3	Nov. 15, 1973	do	Mar. 15, 1974.
Nestaway-Coated Metallic Products, Inc., Ohio County:				
Stripper	AP-3	Dec. 28, 1973	do	Sept. 15, 1974.
Fusion oven	AP-3	do	do	Feb. 1, 1975.
Everman Lumber Co., Lewis County:				
Drag chain	AP-3	Nov. 15, 1973	do	Sept. 1, 1973.
Yard storage area	AP-3	do	do	Do.
Chipper	AP-3	do	do	Nov. 30, 1973.
Mullins & Sexton Pallets & Lumber, Carter County: Pallet shop.	AP-3	do	do	Dec. 30, 1973.
Todd's Farm Supply, Bracken County: Corn grinding	AP-3	Nov. 19, 1973	do	June 1, 1974.
Barber Cabinet, Inc., Washington County: Spray painting booth.	AP-3	Nov. 15, 1973	do	Jan. 31, 1974.
Elizabethtown Ice Cream Co., Hardin County: Incinerator.	AP-3	do	do	Do.
Ennis Milling Co., Larue County:				
Haul roads	AP-3	Nov. 21, 1973	do	Sept. 1, 1973.
Unloading area	AP-3	do	do	Mar. 1, 1974.
Cyclone	AP-3	do	do	Do.
Goodman Bros. Co., Inc., Shelby County: Haul roads.	AP-3	do	do	Sept. 15, 1973.
J. B.'s Cabinet Shop, Hardin County: Spray paint booth.	AP-3	Nov. 15, 1973	do	Nov. 1, 1973.
Jenkins-Essex Co., Inc., Hardin County:				
Sawdust collection	AP-3	do	do	Sept. 19, 1974.
Cyclone exhaust	AP-3	do	do	Jan. 31, 1974.
McAnelly Feed Mill, Marion County:				
Haul roads	AP-3	Nov. 21, 1973	do	Sept. 1, 1973.
Unloading area	AP-3	do	do	June 1, 1974.
Cyclone	AP-3	do	do	Do.
Reichmuth Sawmill & Lumber Co., Bullit County:				
01 Yard area	AP-3	Nov. 15, 1973	do	Jan. 1, 1974.
02 Sawdust blowpipe	AP-3	do	do	Do.
Thompson's Heading & Stave Mill, Inc., Larue County:				
Debarker	AP-3	do	do	Do.
Heading mill	AP-3	do	do	Do.
Stavemill	AP-3	do	do	Do.
Chipper	AP-3	do	do	Do.
Associated Pallet, Inc., Muhlenberg County:				
02, 03 Debarker	AP-3	Dec. 20, 1973	do	June 1, 1974.
04, 06 Sawdust blowpipe system	AP-3	do	do	Do.
05 Chipper and truck load	AP-3	do	do	Do.
01 Yard and roads	AP-3	do	do	Do.
07 Pallet mill blow system discharge	AP-3	do	do	Do.
Day Lumber Co., Muhlenberg County:				
Sawdust blowpipe	AP-3	Nov. 15, 1973	do	May 1, 1974.
Road and yard	AP-3	do	do	Do.
Geibel Lumber Co., Muhlenberg County:				
Debarker	AP-3	do	do	Dec. 31, 1973.
Head saw and edger	AP-3	do	do	Oct. 1, 1974.
Dimension mill	AP-3	do	do	Do.
Haul roads/yard	AP-3	do	do	Dec. 15, 1973.
McIntosh Lumber Co., Todd County:				
Debarker	AP-3	Nov. 14, 1973	do	Mar. 1, 1974.
Sawdust	AP-3	do	do	Do.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Chip van	AP-3	do	do	Do.
Roads and yard	AP-3	do	do	Do.
Pleasant View Greenhouses, Hopkins County: Coal-fired boilers Nos. 8177 and 7345.	AP-3	do	do	Apr. 1, 1975.
Anderson Forest Products, Inc., Hart County:				
01 Sawdust blowpipe	AP-3	Dec. 21, 1973	do	Dec. 31, 1973.
03 Sawmill	AP-3	do	do	Do.
04 Chipper, chip blower pipe	AP-3	do	do	Do.
05 Pallet mill	AP-3	do	do	Do.
Cumberland Stave Co., Inc., Lincoln County:				
Chipper	AP-3	Nov. 15, 1973	do	Jan. 1, 1974.
Sawdust loading	AP-3	do	do	Do.
Farm Service, Inc., Barren County: Cyclone collector	AP-3	Nov. 21, 1973	do	Feb. 1, 1974.
Gamble Brothers, Inc., Allen County:				
Teepee burner	AP-3	Dec. 7, 1973	do	Nov. 1, 1974.
Cyclone	AP-3	do	do	Do.
Chipping and truck loading	AP-3	do	do	Nov. 1, 1973.
Roads and yard	AP-3	do	do	Do.
Kern P. Kellar, Inc., Russell County: 02 Exhaust for planer.	AP-3	Nov. 15, 1973	do	May 1, 1974.
Pulaski Block & Tile, Pulaski County: Cement silo vent.	AP-3	Nov. 20, 1973	do	Feb. 15, 1974.
Tarter Gate Co., Inc., Casey County: Sawmill shaving, glowing.	AP-3	Nov. 15, 1973	do	June 1, 1974.
Tompkinsville Block Co., Inc., Monroe County: Cement silo vent.	AP-3	Nov. 20, 1973	do	Jan. 15, 1974.
Watson Lumber Co., Casey County: Sawdust handling.	AP-3	Nov. 13, 1973	do	Apr. 30, 1974.
Deby Cola Co., Clay County:				
Coal storage dump	AP-3	Dec. 28, 1973	do	Feb. 1, 1974.
Conveyor	AP-3	do	do	Do.
Screening and crushing	AP-3	do	do	Do.
Coal loading	AP-3	do	do	Do.
Haul roads	AP-3	do	do	July 1, 1973.
Hammons Feed Mill, Laurel County: Hammerm cyclone.	AP-3	Dec. 27, 1973	do	July 1, 1974.
Laminated Timbers, Inc., Laurel County:				
Sawdust blower	AP-3	Dec. 19, 1973	do	May 1, 1974.
Open burning	AP-3	do	do	Nov. 15, 1973.
Hale Lumber Co., Clay County:				
Debarker	AP-3	do	do	May 1, 1973.
Blower	AP-3	do	do	Apr. 1, 1974.
Haul roads	AP-3	do	do	May 1, 1973.
Blower on stavemill	AP-3	do	do	Apr. 1, 1974.
Faulkner-Fain Co., Inc., Jessamine County: Spray painting booth.	AP-3	Dec. 20, 1973	do	May 1, 1974.
Karst Robbins Coal Co., Inc., Harlan County:				
Belt transfer	AP-3	Dec. 28, 1973	do	Do.
Conveyor transfer to stockpile	AP-3	do	do	Do.
Hawkins Building Supply, Lincoln County: Planing mill exhaust.	AP-3	Dec. 20, 1973	do	Apr. 15, 1974.
Mallard Pen & Pencil Co., Inc., Scott County: 01, 02, 03 Paint spray booths (3).	AP-3	Dec. 27, 1973	do	Jan. 31, 1974.
Tenacrest Division, Safegard Corp., Garrard County: Excelsior picking.	AP-3	Dec. 28, 1973	do	Dec. 31, 1973.
Hardy Bros. Mill, Pendleton County: Cyclone separator.	AP-3	Dec. 21, 1973	do	Aug. 1, 1974.
Signode Corp., Kenton County:				
Triclene-phosphatizing unit	AP-5	Dec. 28, 1973	do	Oct. 30, 1974.
Degreaser	AP-5	do	do	Do.
Daviess County Sand & Gravel, Daviess County:				
Nos. 1 and 2 cement silo	AP-3	Dec. 27, 1973	do	Feb. 15, 1974.
No. 3 truck loadout	AP-3	do	do	Do.
Herbert Woosley Batmill & Sawmill, Ohio County:				
Sawmill	AP-3	Dec. 20, 1973	do	Dec. 31, 1973.
Yard area	AP-3	do	do	Oct. 15, 1973.
Batmill	AP-3	do	do	Dec. 31, 1973.
J. S. Cottrell & Co., Daviess County:				
Sawdust blowpipe discharge	AP-3	Dec. 21, 1973	do	Nov. 15, 1973.
Open burning	AP-3	do	do	Oct. 11, 1973.
Yard and roads	AP-3	do	do	Nov. 1, 1973.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
PB & S Chemical Co., Henderson County:				
03, 04, 05 Spray paint Booths	AP-3	Dec. 26, 1973	do	Aug. 30, 1974.
07, 08, 09 Container filling	AP-3	do	do	Apr. 2, 1975.
Tank vent, trailer vent	AP-9	do	do	Do.
17 Dry chemical blending	AP-3	do	do	Mar. 25, 1975.
Sacra Lumber Co., Daviess County:				
Yard area and haul roads	AP-3	Dec. 20, 1973	do	Dec. 31, 1973.
Debarker and sawmill	AP-3	do	do	Do.
Chipper	AP-3	do	do	Do.
Clarkson Feed Store, Grayson County: Cyclone collector.	AP-3	Dec. 27, 1973	do	May 1, 1974.
Hedden-Reed Co., Shelby County:				
Stockpile	AP-3	Nov. 13, 1973	do	Mar. 1, 1974.
Haul roads	AP-3	do	do	Do.
Small & Son, Grayson County:				
Circle saw	AP-3	Dec. 20, 1973	do	Dec. 31, 1973.
Cutoff saw and sawdust blowpipe	AP-3	do	do	Do.
T & H Feed Service, Inc., Marion County: Cyclone exit.	AP-3	Dec. 28, 1973	do	Oct. 30, 1974.
Community Feed Mill, Muhlenberg County: Cyclone exit.	AP-3	Dec. 21, 1973	do	Do.
Kevil Feed & Grain Co., Ballard County:				
Hammermill cyclone	AP-3	Dec. 18, 1973	do	Oct. 6, 1973.
Receiving pit	AP-3	do	do	May 15, 1974.
Car loading	AP-3	do	do	Dec. 15, 1973.
Illinois Central Gulf RR., McCracken County:				
Locomotive spray paint operation	AP-3	Dec. 28, 1973	do	Oct. 15, 1974.
Sand blast	AP-3	do	do	Do.
James Enlow Sawmill, McCracken County:				
Pallet shop dust discharger	AP-3	Dec. 20, 1973	do	Mar. 15, 1974.
Yard and roads	AP-3	do	do	Do.
James T. Mathis & Sons Lumber Co., Hickman County:				
Haul roads	AP-3	do	do	June 15, 1974.
Sawmill blowpipe discharger	AP-3	do	do	Do.
Debarker	AP-3	do	do	Do.
Chipper	AP-3	do	do	Do.
Lilly Brothers Seed Co., Inc., Christian County: Hammermill cyclone exit.	AP-3	Dec. 24, 1973	do	Oct. 1, 1974.
Long Silo Co., Caldwell County: Cement silo	AP-3	Dec. 28, 1973	do	Jan. 1, 1974.
Lyles Concrete Co., Graves County: Cement silo vent.	AP-3	Dec. 27, 1973	do	Apr. 30, 1974.
Moorman Wood Products, Inc., Muhlenberg County:				
Saw	AP-3	Dec. 20, 1973	do	Aug. 15, 1974.
Planer	AP-3	do	do	Do.
Gang saw	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Do.
Moss-American, Inc., Trigg County:				
Sawdust blowpipe discharge	AP-3	do	do	July 1, 1974.
Chipper	AP-3	do	do	Do.
Haul road	AP-3	do	do	Do.
Debarker	AP-3	do	do	Do.
Chip loading at railroad car	AP-3	do	do	Do.
Reynolds & Doyle, McCracken County: Spray paint room.	AP-5	do	do	Mar. 30, 1974.
Southern States Co-op., Inc., Caldwell County: Cyclone collector.	AP-3	Dec. 27, 1973	do	June 1, 1974.
Tri-State Stave Co., Caldwell County:				
01, 02, 03, 04, sawdust blowpipe discharger	AP-3	Dec. 20, 1973	do	Aug. 1, 1974.
5 haul roads	AP-3	do	do	Jan. 31, 1974.
Warren Elevator, Inc., Todd County:				
Cyclone collector	AP-3	Dec. 28, 1973	do	July 1, 1974.
Receiving pit	AP-3	do	do	Do.
Bulkload out	AP-3	do	do	Do.
Grain dryer	AP-3	do	do	Apr 1, 1975.
B & R Lumber Co., Inc., Butler County: Circle saw, multiple rip saw, 3 blowpipe exhaust.	AP-3	Dec. 20, 1973	do	Jan. 31, 1974.
Christian Wood Products, Inc., Wayne County:				
Teepee burner	AP-3	do	do	Jan. 15, 1974.
Indirect heat exchanger	AP-3	do	do	Apr. 9, 1975.
Cyclone collectors	AP-3	do	do	Oct. 1, 1974.

Source	Regulation involved	Date of adoption	Effective date	Final compliance date
Crane Co., Pulaski County:				
Spray booths	AP-3	do	do	Jan. 31, 1974.
Railroad unloading for clays	AP-3	do	do	Jan. 1, 1975.
Kilns	AP-9	do	do	Do.
Dale Freeman Timber Co., Taylor County: Blowing sawdust from dimensioning saw.	AP-3	do	do	May 1, 1974.
Denney Lumber Co., Pulaski County:				
Debarker	AP-3	Dec. 21, 1973	do	Jan. 15, 1974.
Sawdust loading area	AP-3	do	do	Do.
Franklin Lumber Co., Inc., Simpson County:				
Weigh hopper	AP-3	Dec. 20, 1973	do	Dec. 1, 1973.
Aggregate conveyor	AP-3	do	do	Do.
Aggregate hopper	AP-3	do	do	Do.
Lonnie Hayes & Sons Stove Co., Inc., Casey County: Stave mill.	AP-3	do	do	Mar. 1, 1974.
Rone & McGuyer, Inc., Butler County:				
Planer and circle saw blowpipe exhaust	AP-3	do	do	Dec. 1, 1973.
Sawdust blowpipe, gang saw	AP-3	do	do	Do.
Headsaw sawdust blowpipe	AP-3	do	do	Do.
Sewell C. Harlin Lumber Co., Barren County:				
1 and 2 blowpipe exhaust headsaw and edger	AP-3	do	do	July 1, 1974.
03 Storage bin for planer	AP-3	do	do	Nov. 1, 1973.
04 Debarker	AP-3	do	do	Do.
Somerset Wilbert Vault Co., Pulaski County:				
Cement storage silo	AP-3	Dec. 21, 1973	do	Apr. 1, 1974.
Driveway	AP-3	do	do	Do.
Southland Manufacturing, Inc., Warren County:				
Sawdust collection cyclone exhaust	AP-3	Dec. 20, 1973	do	July 1, 1974.
Yard area	AP-3	do	do	Nov. 11, 1973.
Sprowl Lumber Co., Inc., Monroe County:				
Debarker	AP-3	Dec. 28, 1973	do	May 15, 1974.
Headsaw	AP-3	do	do	Do.
Planer	AP-3	do	do	Do.
Haul roads	AP-3	do	do	Oct. 25, 1973.
Stinson Lumber Co., Wayne County: Sawmill	AP-3	Dec. 20, 1973	do	Jan. 31, 1974.
Watkins Lumber, Barren County: Sawmill	AP-3	Dec. 21, 1973	do	Do.
Withers Pallet Mill, Russell County: Sawdust blowing	AP-3	Dec. 20, 1973	do	June 1, 1974.
Louisville Gas & Electric, Jefferson County:				
Cane Run, unit No. 4	[2]4.0	Jan. 22, 1974	do	Mar. 1, 1976.
Cane Run, unit No. 5	[2]4.0	do	do	Nov. 1, 1976.
Cane Run, unit No. 6	[2]4.0	do	do	July 1, 1977.

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[1] These compliance schedules were adopted pursuant to the Air Pollution Control Regulations of the Jefferson County Air Pollution Control District. The schedules are approved by the State of Kentucky Department for Natural Resources and Environmental Protection and are submitted in satisfaction of the currently applicable State regulation. They are enforceable by the State agency pursuant to the provisions of KRS 224.450(4).

[2] These compliance schedules were adopted pursuant to regulation 4.0 of the Air Pollution Control Regulations of the Jefferson County Air Pollution Control District which requires the equivalent emission limitation as regulation AP-4 of the Kentucky Air Pollution Control Commission Regulations approved in the State implementation plan. These schedules are approved by the State of Kentucky Department for Natural Resources and Environmental Protection and submitted in satisfaction of the currently applicable State regulation. They are enforceable by the State agency pursuant to the provisions of KRS 224.450(4).

KENTUCKY

Source	Location (county)	Regulation involved	Date of adoption	Effective date	Final compliance date
W. H. Sandusky & Son, Inc.:					
Dust drag and truck load	Adair	AP-3	June 8, 1973	Immediately	June 15, 1973.
Haul road	do	AP-3	do	do	Jan. 1, 1974.
Modern Fold-Wood:					
Master division incinerator	Allen	AP-3	Dec. 15, 1973	do	Nov. 1, 1973.
Dust collection system	do	AP-3	do	do	Sept. 1, 1974.
McMurtrey Ready Mix—Bowling Green Plant, silo.	Barren	AP-3	June 13, 1973	do	June 1, 1973.
McMurtrey Ready Mix—Glasgow Plant:					
Silo	do	AP-3	June 12, 1973	do	June 30, 1973.
Batch discharge	do	AP-3	do	do	July 27, 1973.
J. R. Hoe & Son Inc., cupola	Bell	AP-3	June 6, 1973	do	Dec. 31, 1973.

KENTUCKY—Continued

Source	Location (county)	Regulation involved	Date of adoption	Effective date	Final compliance date
Kentucky Utilities Co., Pineville Stadium Plant, boilers.	do	AP-3	June 13, 1973	do	Apr. 1, 1975.
Cline Brick Co., Nos. 1 and 2 kilns.	Boyd	AP-9	June 15, 1973	do	Oct. 1, 1974.
General Concrete Co., concrete batch Plant.	do	AP-3	June 6, 1973	do	Aug. 1, 1973.
The Hyland Co., feed mill	do	AP-3	June 12, 1973	do	Oct. 1, 1973.
Mansbach Metal Co.:					
Shreader	do	AP-3	Dec. 28, 1973	do	Sept. 1, 1974.
2 Aluminum sweat furnaces	do	AP-3	do	do	Dec. 15, 1974.
Block burner	do	AP-3	do	do	Do.
Railroad car incinerator	do	AP-3	do	do	Jan. 30, 1974.
Haul roads	do	AP-3	do	do	Aug. 20, 1973.
Mansbach Metal Co., yard area	do	AP-3	do	do	Aug. 15, 1974.
Stevens Concrete Co., Inc.:					
Silo vent	Boyle	AP-3	July 26, 1973	do	Dec. 5, 1973.
Do	do	AP-3	do	do	Do.
Batch loadouts	do	AP-3	do	do	Sept. 5, 1973.
Do	do	AP-3	do	do	Do.
Stockpile	do	AP-3	do	do	Do.
Haul roads	do	AP-3	do	do	Do.
Precast Concrete Sales Service:					
Vent	Bullitt	AP-3	June 15, 1973	do	Dec. 20, 1973.
Fan exhaust	do	AP-3	do	do	July 10, 1973.
Aggregate haul roads	do	AP-3	do	do	Apr. 5, 1973.
O. Ames Co., teepee	Caldwell	AP-3	do	do	Nov. 1, 1973.
W.R. Grace & Co., Construction Products Division:					
Vermiculite experimental furnace.	Campbell	AP-3	June 6, 1973	do	Nov. 15, 1973.
Perlite experimental furnace	do	AP-3	do	do	July 1, 1973.
Vermiculite experimental furnace model D 18.	do	AP-3	do	do	Nov. 15, 1973.
Geo Wiedemann Brewing Co.: Grain collection cyclone exhaust.	do	AP-3	June 15, 1973	do	Feb. 18, 1974.
Deena Products Co.:					
Buffing discharge	Carlisle	AP-3	Dec. 20, 1973	do	June 15, 1974.
7 spray booths without filters	do	AP-3	do	do	Do.
General Refractories Co., Tunnel kilns and downdraft kilns.	Carter	AP-9	June 6, 1973	do	Nov. 1, 1974.
Casey Ready Mix, ready mix plant.	Casey	AP-3	June 6, 1973	do	June 25, 1973.
Watson Lumber Co., sawmill operation.	do	AP-3	Nov. 13, 1973	do	Apr. 30, 1974.
Concrete Mix Co., silo stack.	Christian	AP-3	June 6, 1973	do	May 15, 1973.
R. C. Owens Co.:					
Dust collector	do	AP-3	June 15, 1973	do	Jan. 31, 1974.
Woodfired boiler	do	AP-3	do	do	Do.
East Kentucky Rural Electric Cooperative Corp., Dale facility:					
Unit No. 4	Clark	AP-3	do	do	April 9, 1975.
Unit No. 1	do	AP-3 AP-4	do	do	Feb. 1, 1975.
Unit No. 2	do	AP-3 AP-4	do	do	Nov. 1, 1974.
Unit No. 3	do	AP-3	do	do	Apr. 9, 1975.
W. R. Grace and Co., Dewey and Almy Chemical Division, Polufibron Division, Battery, separator ovens.	Daviess	AP-3	June 13, 1973	do	Do.
Green River Steel Division/ Jessup Steel Co.:					
Acid pickling	do	AP-3	Feb. 15, 1974	do	Aug. 1, 1974.
Traveling machine grinder	do	AP-3	do	do	Do.
2 electric arc furnaces	do	AP-3	do	do	Mar. 31, 1975.
Hot scarfing operation	do	AP-3	do	do	Mar. 15, 1975.
Ready-Mix Concrete Co., concrete batch plant.	do	AP-3	June 6, 1973	do	June 1, 1973.

KENTUCKY—Continued

Source	Location (county)	Regulation involved	Date of adoption	Effective date	Final compliance date
Whitehall Furniture, Inc.:					
Cyclone dust wood chip collection.	do	AP-3	Dec. 20, 1973	do	July 31, 1974.
Spray booth	do	AP-3	do	do	Apr. 30, 1974.
Smyth Lumber Co.:					
Bark incinerator	Estill	AP-3	Dec. 19, 1973	do	Nov. 1, 1973.
Planning mill blower	do	AP-3	do	do	May 1, 1974.
Bluegrass Art Cast, Inc., precast concrete plant.	Fayette	AP-3	June 6, 1973	do	June 1, 1973.
R. J. Reynolds Tobacco Co.:					
Stacks Nos. 50 and 60	do	AP-3	May 29, 1973	do	Oct. 1, 1973.
Stacks Nos. 1-39 and 61	do	AP-3	do	do	Nov. 1, 1974.
R. J. Reynolds Tobacco Co.:					
Pneumatic conveying	do	AP-3	do	do	Oct. 1, 1973.
Separator exhaust	do	AP-3	do	do	Nov. 1, 1974.
Exhaust from tangential separator.	do	AP-3	do	do	Oct. 1, 1973.
Schenley Distillers, Inc., boiler	do	AP-3	June 15, 1973	do	Dec. 1, 1974.
Standard Products Co.:					
Curing oven exhaust	do	AP-3	Dec. 28, 1973	do	Dec. 2, 1974.
Cooling exhaust	do	AP-9	do	do	Do.
Fume exhaust	do	AP-3	do	do	Do.
Thompson-King-Tate, ready mix concrete plant.	do	AP-3	July 8, 1973	do	July 15, 1973.
Curtis Lumber Co., sawmill	Fleming	AP-3	June 15, 1973	do	June 4, 1973.
Island Creek Coal Co., Prince Plant heat dryer.	Floyd	AP-3	do	do	May 1, 1974.
Horn & Goin Co., Ready mix concrete plant.	Franklin	AP-3	do	do	June 15, 1973.
Ashby Veneer & Lumber Co., wood waste incinerator.	Fulton	AP-3	Aug. 5, 1973	do	Sept. 15, 1973.
Carborundum Co., Graphite Products Division:					
Mixing processing	do	AP-3	June 15, 1973	do	Jan. 1, 1975.
No. 11 graphitizing furnace	do	AP-3, 4, 6	do	do	Apr. 9, 1975.
Bell City Pottery Co., bake ovens	Graves	AP-9	Nov. 15, 1973	do	Aug. 15, 1974.
Miro Industries Inc.:					
Cement silo vent	do	AP-3	Dec. 27, 1973	do	Jan. 31, 1974.
Do	do	AP-3	do	do	Do.
Do	do	AP-3	do	do	Do.
Grayson County Ready Mix, Inc., concrete batch plant.	Grayson	AP-3	June 8, 1973	do	June 15, 1973.
Ashland Milling Co., Inc., feed mill.	Greenup	AP-3	June 14, 1973	do	Dec. 30, 1973.
C & I Ready Mix Concrete, concrete batch plant.	Harlan	AP-3	June 6, 1973	do	May 14, 1973.
Cynthiana Ready Mix, Inc. concrete batch plant.	Harrison	AP-3	June 13, 1973	do	July 1, 1973.
Community Methodist Hospital, incinerator.	Henderson	AP-3	June 15, 1973	do	Nov. 1, 1973.
Scott Lumber Co., Inc., boiler (wood-fired).	do	AP-3	June 13, 1973	do	June 1, 1974.
Smithfield Milling Co.:					
Receiving bin	Henry	AP-3	June 15, 1973	do	June 30, 1973.
Duct from vents	do	AP-3	do	do	July 30, 1974.
Hickman County Feed Mill, feed mill.	Hickman	AP-3	do	do	July 4, 1973.
Department of Health, District No. 1 TB Hospital:					
Incinerator	Hopkins	AP-3	June 6, 1973	do	Sept. 1, 1974.
Boilers	do	AP-3	do	do	Jan. 1, 1975.
McWhorter Stave Co.:					
Sawdust from headsaw exhausted onto pile.	Jackson	AP-3	Sept. 28, 1973	do	Sept. 1, 1973.
Log and stave yard	do	AP-3	do	do	July 18, 1973.
American Synthetic Rubber Corp.:					
Rubber manufacturing	Jefferson	5.5.2	Feb. 12, 1973	do	Aug. 30, 1973.
Solvent storage	do	5.0	Feb. 21, 1973	do	Do.

KENTUCKY—Continued

Source	Location (county)	Regulation involved	Date of adoption	Effective date	Final compliance date
Flare stack	do	5.5.2, 3.2.2	Feb. 12, 1973	do	Do.
Amoco Oil Co., gasoline storage tank.	do	5.0.2	May 20, 1973	do	Aug. 1, 1973.
Anderson Wood Products Co.:					
Wood manufacturing equipment.	do	3.1	Jan. 9, 1973	do	Apr. 19, 1975.
Cyclone collector wood-waste fired boilers.	do	3.2	do	do	Do.
Ashland Chemical Co.:					
Truck and drum loading of hydrocarbons.	do	5.0, 5.1, 5.5	do	do	Feb. 15, 1974.
Transfer and handling organic materials.	do	5.1.2	May 9, 1973	do	Nov. 30, 1973.
Ashland Oil Co., Southern Region, branded marketing storage tanks.	do	5.0.2	Mar. 14, 1973	do	Mar. 15, 1975.
Blatz Paint Co., paint production	do	5.5.2	Feb. 6, 1973	do	Apr. 19, 1975.
Boone Box Co., gas-oil boilers, wood manufacturing equipment, paper manufacturing equipment.	do	3.1, 3.2	Jan. 9, 1974	do	Mar. 15, 1974.
Boyles Galvanizing. chromic-acid tank.	do	3.2	Feb. 6, 1973	do	Dec. 12, 1972.
Brown-Forman Distillers Corp., Howard Street Plant, boilers.	do	3.1.1, 3.3, 4.0.1	Feb. 12, 1973	do	Apr. 19, 1975.
B. J. Distributors, Inc., aggregate drying.	do	3.2.2	do	do	Feb. 25, 1973.
Campbell Tobacco Rehandling, tobacco manufacturing equipment.	do	8.1	Feb. 19, 1974	do	Apr. 2, 1975.
Catalyst Division/Chemetron Corp., chemical processing equipment.	do	7.0	May 9, 1973	do	Jan. 15, 1974.
Celanese Coating Co., Devoe Paint Division, paint production.	do	5.5.2, 5.5.3	Feb. 6, 1973	do	Dec. 31, 1973.
Celanese Coating Co., Technical Center, paint production.	do	5.5.2, 3.2.2	Mar. 14, 1973	do	Mar. 16, 1973.
Celanese Piping System, grinder cyclones.	do	3.2.2	Feb. 19, 1974	do	July 1, 1974.
Chevron Asphalt Co., volatile organic storage tanks.	do	5.0.1	Apr. 10, 1973	do	Jan. 1, 1975.
Corhart Refractories Co., electric arc furnace refractory products.	do	3.2.4, 9.1	Feb. 12, 1973	do	Apr. 1, 1975.
Corhart Refractories Co., West Plant, refractory products.	do	3.2.2	Feb. 21, 1973	do	Mar. 31, 1975.
Conco, Inc., paint spray booths, paint bake oven.	do	5.5	Jan. 9, 1974	do	Jan. 31, 1975.
Container Corp. of America:					
Paper corrugating	do	3.2.1	Oct. 10, 1973	do	Nov. 1, 1974.
Boilers	do	3.1, 4.0	do	do	Do.
Continental Pipeline Co., gasoline storage.	do	5.0.2	June 20, 1973	do	Mar. 31, 1973.
Dawson Lumber Co., raw wood mills.	do	3.2.2	Sept. 12, 1973	do	Jan. 15, 1975.
DeHart Paint & Varnish Co., paint manufacturing.	do	5.5.2	Mar. 14, 1973	do	Apr. 19, 1975.
DMI Inc., dry milk processing equipment.	do	3.2.1	Oct. 10, 1973	do	Oct. 31, 1974.
The Early & Daniel, Co., Inc., grain storage and handling.	do	3.2, 3.3	do	do	Apr. 1, 1975.
Exxon Co. (Humble Oil), storage	do	5.0	Feb. 12, 1973	do	Jan. 25, 1973.
Federal Chemical Co., Starks Bldg., fertilizer production.	do	3.2.2, 8.0, 8.1	do	do	Jan. 30, 1974.
Federal Sign & Signal Corp., paint spray booth.	do	3.2.1, 3.2.2	Dec. 12, 1973	do	Apr. 1, 1975.
Filer Corp., concrete batch plant	do	3.2	Aug. 8, 1973	do	Do.
Gardsman Chemical Coating, Inc., Louisville Division, coating manufacturing.	do	5.5.2	Mar. 14, 1973	do	Dec. 1, 1974.

KENTUCKY—Continued

Source	Location (county)	Regulation involved	Date of adoption	Effective date	Final compliance date
General Shale Products Corp., brick products.	do	3.2.2, 3.3	Feb. 12, 1973	do	Jan. 20, 1974.
Globe-Union Inc., battery manufacturings.	do	3.2.2, 3.2.4, 5.5	May 9, 1973	do	Nov. 1, 1974.
Gold Proof Elevator, grain processing.	do	3.2.2	Feb. 12, 1973	do	Jan. 20, 1974.
Hillerich and Bradsby Co., wood waste incinerator.	do	3.2	Feb. 21, 1973	do	Apr. 19, 1975.
Hy-Klas Paints Inc., paint products.	do	5.5.2	Feb. 12, 1973	do	Dec. 30, 1974.
Illinois Central Gulf Railroad, sand handling.	do	3.2.2	Feb. 19, 1974	do	Oct. 15, 1974.
Inmont Corp., ink manufacturing	do	5.0.2, 5.1, 5.5.2	Mar. 14, 1973	do	Sept. 1, 1973.
Jefferson Concrete Co., concrete batching.	do	3.2.2	Feb. 12, 1973	do	May 15, 1973.
The Jefferson Wood Working Co., wood working equipment.	do	5.5.2	do	do	Apr. 19, 1975.
Jellico Coal & Chemical Co., lacquer products.	do	5.5.2	Feb. 21, 1973	do	Mar. 30, 1973.
Kelly Tech. Coating Inc.:					
Paint products	do	5.5.2	Feb. 12, 1973	do	Dec. 31, 1974.
Solvent storage	do	5.0	do	do	Do.
Kentucky By-Products Corp.:					
Finish products	do	3.2	June 20, 1973	do	Dec. 9, 1973.
Rotary dry	do	3.2	do	do	Apr. 19, 1975.
Kister Lumber Co.:					
Mill working	do	5.5.2	Nov. 15, 1973	do	Apr. 17, 1975.
Paint spray booth	do	3.2	do	do	Do.
Kurfees Coating Inc., paint manufacturers.	do	5.5.2	Feb. 12, 1973	do	June 30, 1974.
Lewis Seed Co., Inc., grain handling.	do	3.2.2	Mar. 14, 1973	do	Dec. 28, 1973.
Lisco Fabrication, Inc., concrete manufacturing equipment, asbestos sheet and pipe manufacturing.	do	3.2	Jan. 9, 1974	do	Apr. 1, 1975.
Logan Co.:					
Iron cupola	do	6.0.1	June 20, 1973	do	Sept. 4, 1973.
Castings	do	3.2.2	do	do	Do.
Louisville Builders Supply Co., concrete brick plant.	do	3.2.2	May 9, 1973	do	Aug. 31, 1973.
Louisville Cooperage Co., boiler	do	3.2	June 20, 1973	do	May 1, 1973.
Louisville Varnish Co., Floyd and Eastern Parkway Plant, paint manufacturers.	do	5.5.1	Feb. 12, 1973	do	Oct. 31, 1973.
Louisville Varnish Co., 1400 Maple St. Plant, paint manufactures.	do	5.5.2	do	do	Dec. 31, 1974.
Edward H. Marcus Paint Co., Inc., paint manufactures.	do	5.5.2	Mar. 14, 1973	do	Apr. 19, 1975.
Marshall Supply Co.:					
2 cyclones	do	3.2	Nov. 15, 1973	do	June 1, 1974.
Coal fired boiler	do	3.1, 4.0	do	do	Do.
Martin Marietta Aggregates, Cedar Creek Plant, quarry.	do	3.2.2, 3.3	Feb. 12, 1973	do	Mar. 31, 1973.
Mobile Chemical Co., paint manufactures.	do	5.5.2	do	do	Apr. 19, 1975.
Murray Co., Inc., Asphalt Plant-Anchorage, asphalt plant.	do	3.2.2	do	do	Mar. 1, 1973.
National Distiller Products Co., Sunny Brook Plant, coal fired boilers.	do	3.1, 4.0	Oct. 10, 1973	do	Apr. 1, 1975.
National Distiller Products Co., Hill & Hill Plant, coal fired boiler.	do	3.1, 4.0	do	do	Do.
North American Fertilizer Co., fertilizer products.	do	3.2.2, 3.3	Feb. 12, 1973	do	Dec. 10, 1973.

KENTUCKY—Continued

Source	Location (county)	Regulation involved	Date of adoption	Effective date	Final compliance date
Ohio Falls, Inc., boiler	do	3.1.1, 3.3 3.0.1	do	do	Apr. 19, 1975.
Payne & Hager, Inc., spray paint booth.	do	5.5.2	do	do	Do.
Peerless Division of Dover:					
Paint spray booth	do	5.5	Nov. 23, 1973	do	Do.
Hot air dryers	do	5.5	do	do	Do.
Proform, Inc., mold line	do	5.5.2	Feb. 19, 1974	do	Apr. 15, 1975.
Progress Paint Co., Inc., paint manufacturers.	do	5.5.2	Feb. 12, 1973	do	Dec. 31, 1974.
Ralston Purina, Chow Division:					
Grain handling	do	3.2.2	do	do	Jan. 30, 1974.
Grain drying	do	3.3	do	do	Do.
Reynolds Metals Co., Plant No. 15, A1 manufacturers.	do	3.2.2	do	do	Aug. 1, 1973.
Ryan Industries Inc., spray paint booth	do	5.5.2	do	do	Apr. 19, 1975.
Seabolt & Associates, industrial laundry.	do	3.2.2	do	do	Feb. 28, 1973.
St. Anthony Hospital, boiler plant	do	3.1.1, 3.3, 4.0.1	do	do	Jan. 15, 1974.
St. Regis Paper Co., printing press.	do	5.5.2, 5.5.4	do	do	Oct. 19, 1973.
H. J. Scheirich Co., wood working.	do	3.2.2	July 11, 1973	do	Apr. 19, 1975.
Schmutz Manufacturing Co., Inc., sand handling.	do	3.2.2	Feb. 19, 1974	do	Apr. 7, 1975.
Schenley Distillers, Inc., coal fired boilers.	do	3.1.3, 4.0.1	do	do	Apr. 19, 1975.
Southern Baptist Theological Seminary, boiler.	do	3.2	June 20, 1973	do	Oct. 1, 1974.
Stiglitz Corp. Inc., spray paint booth.	do	5.5.2	Feb. 12, 1973	do	Apr. 1, 1975.
Stratton & Terstegge Co.:					
Paint spray booths	do	5.5.1	Mar. 13, 1974	do	July 1, 1974.
Paint bake oven	do	5.5.2	do	do	Do.
Suburban Concrete Co.:					
Concrete batch	do	3.2.2	Apr. 10, 1973	do	Sept. 30, 1974.
Millers Lane plant concrete batch.	do	3.2.2, 3.3	Apr. 23, 1973	do	Do.
Sun Oil Co., organic storage	do	5.0	June 20, 1973	do	July 30, 1974.
Sunshine Biscuits, Inc	do	3.3.2	Feb. 12, 1973	do	Jan. 30, 1974.
Texaco Inc., truck loading facility	do	5.1.1	Sept. 12, 1973	do	Apr. 1, 1975.
Texas Gas Transmission Co., Jeffersontown Compressor Station, natural gas compressing.	do	3.2.2	Feb. 12, 1973	do	Mar. 31, 1973.
Tube Turns:					
Metal Pickling	do	3.2.2, 3.2.4	do	do	Apr. 19, 1975.
Paint Spray Booth	do	5.5.2	do	do	Do.
Universal Container Corp., wood waste incinerator.	do	3.0	Nov. 15, 1973	do	Do.
Vogt Bros. Products:					
Paint spray booth	do	3.1, 5.5	June 20, 1973	do	Do.
Baking kiln	do	3.1	do	do	Do.
Degreaser, boiler	do	4.0	do	do	Do.
Vulcan Hart Corp., sand handling	do	3.2.2	Feb. 19, 1974	do	Apr. 1, 1975.
White Oak Cooperage Co., wood manufacturing equipment.	do	3.2	Aug. 8, 1973	do	Jan. 18, 1974.
Independence Foundry:					
Cupola	Kenton	AP-3, AP-6	June 6, 1973	do	Oct. 1, 1974.
Coke oven	do	AP-3	do	do	Do.
Kleane Foundry Co., Inc., cupola	do	AP-3	do	do	July 19, 1974.
Standard Oil Co., petroleum terminal.	do	AP-5	June 11, 1973	do	Oct. 1, 1974.
Knox Concrete Product, Inc.:					
Cement silo vent	Knox	AP-3	June 15, 1973	do	Dec. 30, 1973.
Batch discharge	do	AP-3	do	do	Do.
Haul road	do	AP-3	do	do	Do.

KENTUCKY—Continued

Source	Location (county)	Regulation involved	Date of adoption	Effective date	Final compliance date
Aggregate handling	do	AP-3	do	do	Do.
Arthur Thompson Lumber Co., sawmill.	LaRue	AP-3	Nov. 15, 1973	do	Jan. 1, 1974.
Chaney Lumber Co., Inc.:					
Teepee burner	Laurel	AP-3	June 15, 1975	do	June 1, 1973.
Debarker	do	AP-3	do	do	Sept. 1, 1973.
Haul roads	do	AP-3	do	do	June 1, 1973.
Cumberland Forest Products Co., Inc.:					
Log yard and transportation area.	do	AP-3	Nov. 15, 1973	do	Sept. 1, 1973.
Sander and jointer	do	AP-3	do	do	Feb. 28, 1974.
Debarker	do	AP-3	do	do	Oct. 30, 1973.
Louisa Supply Co., Inc., feed plant.	Lawrence	AP-3	June 12, 1973	do	May 1, 1973.
Beth Elkhorn Corp., Mine No. 22, thermal dryer.	Letcher	AP-3	June 13, 1973	do	Apr. 29, 1974.
The Auburn Mills Inc.:					
Grain handling	Logan	AP-3	Oct. 1, 1973	do	Apr. 9, 1975.
Grain dryer	do	AP-3	do	do	Apr. 4, 1975.
Lewisberg Pallet Co., pallet mill	do	AP-3	June 12, 1973	do	June 1, 1973.
Portec, Inc., 2 coal fired boilers	McCracken	AP-3, AP-4	Feb. 15, 1974	do	Nov. 15, 1973.
Aluminum Service Corp., haze from furnace wells.	McLean	AP-3	June 12, 1973	do	Apr. 1, 1975.
Berea College:					
Boiler	Madison	AP-3	June 8, 1973	do	Aug. 1, 1974.
Wood working facility	do	AP-3	do	do	Jan. 31, 1974.
Eastern Kentucky University, 4 boilers.	do	AP-3	June 15, 1973	do	Apr. 1, 1975.
Gro-Green Sales Co.:					
Transfer point	Marion	AP-3	Dec. 28, 1973	do	Sept. 1, 1974.
Cyclone exit	do	AP-3	do	do	Oct. 30, 1974.
Lebanon Oak Flooring Co.:					
Boilers A and B	do	AP-3	June 13, 1973	do	Apr. 9, 1975.
Wood working machine	do	AP-3	do	do	Dec. 31, 1974.
Air Products & Chemicals	Marshall	AP-4	June 15, 1973	do	July 1, 1978.
Kentucky Utilities Co., Brown Power Station:					
Units 1 and 2	Mercer	AP-3	June 13, 1973	do	Jan. 1, 1975.
Units 1, 2, and 3	do	AP-4	do	do	Sept. 30, 1973.
Bartley & Bartley Lumber Co.:					
Teepee	Metcalfe	AP-3	June 15, 1973	do	May 1, 1974.
Haul road and debarker	do	AP-3	do	do	May 15, 1973.
Roy Anderson Lumber Co.:					
Haul road and debarker	Monroe	AP-3	June 12, 1973	do	July 1, 1973.
Teepee incinerator	do	AP-3	do	do	May 1, 1974.
Frederick & May Lumber Co., Tepee burner.	Morgan	AP-3	June 13, 1973	do	Mar. 1, 1974.
Jessup Sawmilling Co.:					
Yard and haul roads	Muhlenberg	AP-3	Nov. 15, 1973	do	Do.
Debarker	do	AP-3	do	do	Do.
Chipper and handling equipment.	do	AP-3	do	do	Do.
Kentucky Utilities Co., Green River Station.					
Units 1 and 2	do	AP-3, AP-4	June 13, 1973	do	Apr. 1, 1975.
Unit 3	do	AP-3	do	do	Dec. 14, 1973.
Unit 4	do	AP-3	do	do	Apr. 7, 1975.
James B. Beam Distilling Co.:					
Grain mill	Nelson	AP-3	Oct. 12, 1973	do	Jan. 1, 1974.
Dryer	do	AP-3	do	do	Apr. 8, 1975.
Willett Distilling Co., Inc.:					
3 boilers	do	AP-3, AP-4	June 14, 1973	do	Apr. 9, 1975.
Dust collectors	do	AP-3	do	do	Do.
Fort Hartford Stone Co.:					
Primary crusher	Ohio	AP-3	Mar. 8, 1974	do	July 15, 1974.
Secondary crusher	do	AP-3	do	do	Do.
Haul road	do	AP-3	do	do	Jan. 18, 1974.

KENTUCKY—Continued

Source	Location (county)	Regulation involved	Date of adoption	Effective date	Final compliance date
Peabody Coal Co., Ken Mine boiler.	do	AP-3, AP-4	July 2, 1973	do	Oct. 15, 1974.
Peabody Coal Co., Riverview Mine:					
Haul roads	do	AP-3	do	do	June 1, 1973.
Boiler	do	AP-3, AP-4	do	do	Mar. 1, 1974.
Home Lumber Co. Inc., concrete batch plant.	Perry	AP-3	June 15, 1973	do	June 1, 1973.
Kentland Elkhorn Coal Co., Feds Creek Plant:					
Boiler	Pike	AP-3	do	do	Apr. 9, 1975.
Therma dryer	do	AP-3	do	do	Do.
Pikeville Ready Mix, Inc., ready mix operation.	do	AP-3	June 13, 1973	do	Dec. 1, 1973.
Kentucky Frame & Lumber Co.:					
Teepee incinerator	Pulaski	AP-3	June 15, 1973	do	Aug. 1, 1973.
Cyclone	do	AP-3	do	do	Jan. 31, 1974.
Boiler	do	AP-3	do	do	Sept. 1, 1974.
Somerset Refinery, Inc.:					
Water drawn from gasoline accumulator.	do	AP-9	Dec. 28, 1973	do	June 1, 1974.
Treating of No. 1 fuel oil and kerosene.	do	AP-5, AP-9	do	do	Do.
S. T. Proctor Lumber Co.:					
Ready mix operators	Rockcastle	AP-3	June 15, 1973	do	Apr. 15, 1974.
Truck loadout	do	AP-3	do	do	Aug. 15, 1973.
Aggregate	do	AP-3	do	do	June 1, 1973.
R. L. Wells Lumber Co., Inc., sawmill.	Rowan	AP-3	do	do	June 10, 1973.
American Concrete Pumping Co., Inc., concrete plant.	Russell	AP-3	June 13, 1973	do	Mar. 14, 1974.
W. H. Sandusky & Son, Inc.:					
Dust drag and truck load	do	AP-3	June 6, 1973	do	June 15, 1973.
Haul road	do	AP-3	do	do	Jan. 1, 1974.
Gro-Green Chemical Co., Inc.:					
Tower	Shelby	AP-3	Dec. 28, 1973	do	Sept. 1, 1974.
Loadout (1)	do	AP-3	do	do	Do.
Loadout (2)	do	AP-3	do	do	Do.
Cyclone exit	do	AP-3	do	do	Oct. 30, 1974.
Ohio Valley Aluminum Co., Inc., 2 secondary reclamation furnaces.	do	AP-3	June 12, 1973	do	Feb. 1, 1974.
The Kendall Co., Polyken Plant:					
Cyclone collector adhesive plant No. 3.	Simpson	AP-3	Dec. 28, 1973	do	Oct. 1, 1974.
Mix mill exhaust adhesive plant Nos. 1 and 2.	do	AP-3	do	do	Do.
Mix mill exhaust fan	do	AP-3	do	do	Do.
Simpson County Lumber Co., sawmill operation.	do	AP-3	June 15, 1973	do	June 1, 1973.
Cadiz Milling Co., milling operation.	Trigg	AP-3	June 12, 1973	do	Nov. 1, 1974.
Morris E. Duncan Sawmill:					
Sawdust blowpipe discharge	Union	AP-3	Dec. 20, 1973	do	July 15, 1974.
Open Burning of slabs, strips	do	AP-3	do	do	Oct. 11, 1973.
Yard and roads	do	AP-3	do	do	Nov. 1, 1973.
Union County Grain Co.:					
Cyclone exit	do	AP-3	Oct. 1, 1973	do	July 30, 1974.
Truck dump grain loading	do	AP-3	do	do	May 31, 1973.
Truck loadout	do	AP-3	do	do	Do.
Grain dryer	do	AP-3	do	do	Apr. 1, 1975.
Murphy Concrete Co., Inc., concrete batching operation.	Warren	AP-3	July 2, 1973	do	Dec. 31, 1973.
McCutchen & Pyles Lumber Co.:					
Sawdust pile	Wayne	AP-3	May 29, 1973	do	July 15, 1973.
Yard	do	AP-3	do	do	June 1, 1973.
Wayne Lumber Co., sawmill No. 1.	do	AP-3	Dec. 20, 1973	do	Do.
U.S. Steel Corp., thermal dryers	Whitely	AP-3	Oct. 22, 1973	do	Apr. 9, 1975.

KENTUCKY—Continued

Source	Location (county)	Regulation involved	Date of adoption	Effective date	Final compliance date
Kentucky Utilities Co., Tyrone Power Station, thermal dryers.	Woodford	AP-3	June 13, 1973	do	June 15, 1974.

[38 FR 16145, June 20, 1973, as amended at 40 FR 3418, Jan. 22, 1975; 40 FR 14071, Mar. 28, 1975; 40 FR 29541, July 14, 1975; 40 FR 40160, Sept. 2, 1975]

§ 52.928 Control strategy: Sulfur oxides.

(a) *Part D—Conditional approval*—(1) *Boyd County nonattainment area.* The 1979 sulfur dioxide revisions for this area are approved on condition that the following be submitted by July 1, 1981:

(i) An enforceable regulation for continually determining compliance with Kentucky regulation 401 KAR 61:015 Section 5(4).

(ii) A revision of regulation 401 KAR 61:015 providing increments of progress in compliance schedules applicable to sources which are being made subject to more stringent emission limits.

(iii) A commitment with regard to continuous ambient monitoring around the Ashland Oil complex, that the monitoring will begin by a certain date, will be conducted for a specific length of time and will utilize Federal continuous monitoring methodology.

(2) Jefferson, McCracken, Muhlenberg, and Webster Counties. The 1979 sulfur dioxide revisions for these nonattainment areas are approved on condition that the State submit by July 1, 1981, a revision of regulation 401 KAR 61:015 providing increments of progress in compliance schedules applicable to sources which are being made subject to more stringent emission limits.

(Secs. 110 and 172 of the Clean Air Act (42 U.S.C. 7410 and 7502))

[45 FR 72158, Oct. 31, 1980, as amended at 46 FR 20172, Apr. 3, 1981]

§ 52.929 Maintenance of national standards.

(a) The areas listed below are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area, including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Cincinnati Interstate Air Quality Maintenance Area (Kentucky Portion).

(i) Pollutants for which the area is identified: Particulate matter and photochemical oxidants (part).

(ii) (*a*) Geographical composition of area identified for particulate matter:

Boone County, Campbell County, Kenton County.

(*b*) Geographical composition of area identified for photochemical oxidants:

Campbell County, Kenton County.

(2) Evansville Interstate Air Quality Maintenance Area (Kentucky Portion).

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Henderson County.

(3) Louisville Interstate Air Quality Maintenance Area (Kentucky Portion).

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Jefferson County.

[40 FR 41950, Sept. 9, 1975]

§ 52.930 Control strategy: Ozone.

(a) *Part D—conditional approval.* The State's Set II VOC regulations are approved on condition that the Commonwealth of Kentucky submit an adopted regulation for leads from gas tank trucks and collection systems by March 1, 1982.

(b) *Part D—disapproval*—(1) Campbell and Kenton Counties nonattainment area. The 1979 SIP revisions for these two counties are disapproved because the Commonwealth failed to submit evidence of legal authority to implement a vehicle inspection and maintenance program as required under section 172(b)(11)(B) of the Clean Air Act. No major new or modified sources of volatile organic compounds can be built in these two counties by virtue of the provisions of section 110(a)(2)(I) of the Clean Air Act.

(Secs. 110, 172, 176(a), 301 and 316 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502))

[46 FR 54788, Nov. 24, 1981, and 46 FR 58082, Nov. 30, 1981]

§ 52.931 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Kentucky.

(c) All applications and other information required pursuant to § 52.21 from sources located in the Commonwealth of Kentucky shall be submitted to the Division of Air Pollution Control, Department for Natural Resources and Environmental Protection, West Frankfort Office Complex, U.S. 127, Frankfort, Ky. 40601, instead of the EPA Region IV office.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 3361 Jan. 25, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.932 Rules and regulations.

(a) The last sentence of section 3(1) of Kentucky regulation 401 KAR 3:050, which specifies that a new fossil fuel fired steam electric generator's allowable SO_2 emissions may be calculated by averaging SO_2 emissions from existing units of this type and from new ones, is disapproved since it contravenes Subpart D of 40 CFR Part 60, New Source Performance Standards.

(b) Section 8(2)(a) of regulation 401 KAR 61:015 is disapproved in that it allows the Tennessee Valley Authority's Shawnee power plant until October 1, 1981, to achieve compliance with emissions limits which are not made more stringent by the 1979 Part D revisions, and which the source was previously required to meet by July 1, 1977.

(c) Section 8(2)(d) of regulation 401 KAR 61:015 is disapproved in that it allows sources until December 31, 1982, to achieve compliance with emission limits which are not made more stringent by the 1979 Part D revisions, and which the sources were previously required to meet prior to 1979.

(Secs. 110 , 172, and 301 of the Clean Air Act (42 U.S.C. 7410 , 7502, and 7601(a)))

[41 FR 19106, May 10, 1976, as amended at 46 FR 40188, Aug. 7, 1981]

§§ 52.933—52.934 [Reserved]

§ 52.935 Control strategy: Particulate matter.

(a) Part D—Conditional approval.

(1) With the exception of Regulation 401 KAR 61:015, Section 8, paragraph (2)(d), which is disapproved, the 1979 total suspended particulate revisions for Bell, Boyd, Jefferson, McCracken and Muhlenberg counties, and that portion of Bullit County in Shepherdsville, that portion of Campbell County in Newport, that portion of Daviess county in Owensboro, those portions of Henderson County in and around Henderson, that portion of Lawrence County in Louisa, that portion of Madison County in Richmond, that portion of Perry County in Hazard, that portion of Pike County in Pike-

ville, and that portion of Whitley County in Corbin, nonattainment areas, are approved on condition that the following be submitted by October 15, 1981:

(i) A revision to Regulation 401 KAR 50:055 Section 2(3) specifying a method for determining opacity for sources of intermittent emissions other than Method 9 of Appendix A, 40 CFR Part 60.

(ii) A revision to Regulation 401 KAR 50:055 section 2(6) which specifies that adjustment of opacity standards be restricted to stack or control device discharges.

(iii) Revisions to Regulation 401 KAR 50:055 Section 6, Alternative Emission Reduction Options to correct deficiencies as outlined in the September 18, 1980 FEDERAL REGISTER, 45 FR 62163 at page 62168, deficiency number 3.

(iv) Revisions to Regulation 401 KAR 61:005 General Provisions, Section 2(1) and 2(2) such that the regulation clearly requires a performance test as the means for demonstrating compliance.

(v) A revision to Regulation 401 KAR 61:020 Section 3, Standard for Particulate Matter, such that the regulation has a specific requirement of reasonably available control technology (RACT) applicable to sources of process fugitive emissions.

(vi) Revisions to Regulation 401 KAR 61:075; Steel Plants and Foundries Using Existing Electric Arc Furnaces, which specifies a method for determining opacity for sources of intermittent emissions other than Method 9 of Appendix A, 40 CFR Part 60, and an opacity limitation which represents a level of control equivalent to RACT.

(vii) A Revision to Regulation 401 KAR 61:080, Steel Plants Using Existing Basic Oxygen Process Furnaces, which specifies a method for determining opacity for sources of intermittent emissions other than Method 9 of Appendix A, 40 CFR Part 60, and an opacity or mass limitation which represents a level of control equivalent to RACT.

(viii) Revisions to Regulation 401 KAR 61:140; Existing By-Product Coke Manufacturing Plants, which specify standards and emissions limitations which represent a level of control equivalent to RACT for battery topside leaks, charging, pushing, and quenching operations, as well as appropriate test methods.

(ix) Establishment of a Regulation which will represent a level of control equivalent to RACT for blast furnace casthouses.

(Secs. 110, 172, and 301 of the Clean Air Act (42 U.S.C. 7410, 7502, and 7601))

[45 FR 85003, Dec. 24, 1980]

Subpart T—Louisiana

§ 52.970 Identification of plan.

(a) Title of plan: "The Louisiana Air Control Commission Implementation Plan."

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Certification that public hearings were held on the State's implementation plan was submitted on February 28, 1972. (Non-regulatory)

(2) Response to comments by Region VI on the plan was transmitted by the Louisiana Air Control Commission on May 8, 1972. (Non-regulatory)

(3) Revisions to Louisiana Air Control Regulations 6, 8, 18, 19, 22, A22, 27, 28, control strategy for photochemical oxidants-hydrocarbons, prevention of air pollution emergency episodes, source surveillance, and procedures for submission and approval and compliance schedules were submitted by the Governor on July 17, 1972.

(4) Revisions concerning the control strategy for photochemical oxidants and hydrocarbon for Region 106 was submitted by the Governor on March 30, 1973. (Regulatory)

(5) Revision of Section 6.1 of the State air control regulations was submitted by the Governor on April 25, 1973.

(6) A revision concerning the control strategy for particulate matter for the Southern Louisiana-Southeast Texas AQCR was submitted by the Governor on January 2, 1973.

(7) Variances to Emission Limiting Regulations adopted by the Louisiana Air Control Commission on October

29, 1975, December 12, 1975, and April 6, 1976, and submitted by the Governor on April 22, 1976.

(8) Commission Orders creditable as emission offsets for the GM Plant in Shreveport were submitted by the Governor on January 25, 1978 as amendments to the Louisiana State Implementation Plan.

(9) A proposed dedesignation of the Shreveport area as an AQMA for particulate matter was submitted by the Governor on December 9, 1977.

(10) An administrative revision of the Air Quality Surveillance Network was submitted by the Louisiana Air Control Commission on April 3, 1978. (Non regulatory)

(11) Revisions to Regulation 19.0, Emission Standards for Particulate Matter, as adopted on November 30, 1977, were submitted by the Governor on December 9, 1977.

(12) Minor changes and administrative revisions to regulations 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, and 17.0 of the Louisiana SIP were submitted by the Governor on December 9, 1977.

(13) A variance to Regulation 19.5 for Kaiser Aluminum & Chemical Corporation at Norco, Louisiana was submitted by the Governor on August 31, 1978.

(14) Revisions to the Air Control Regulations 18.1, 18.3, 18.5, 18.6-18.6.2, 18.7, 20.1-20.8, 21.1-21.6.4, 23.0-23.4.2, 24.1-24.5, 24.6.2, 24.7-24.7.3, 24.8, 25.0-25.6.2, 26.0-26.2, 26.4-26.8.2, 27.0-27.5.4, 28.0-28.6.2 and 30.0, as adopted by the Louisiana Air Control Commission on November 30, 1977, were submitted by the Governor on December 9, 1977.

(15) Revisions to the plan for attainment of standards for ozone (Part D requirements) were submitted by the Governor on April 30, 1979.

(16) Evidence of notice and public hearing for the April 30, 1979 plan was submitted by the Governor on June 20, 1979.

(17) Emission inventory information, emission reduction information, a certification of the lack of major degreasing sources, and a commitment to adopt future regulations were submitted by the Louisiana Air Control Commission on August 28, 1979 (non-regulatory).

(18) Schedule for the modification and submittal of regulations 22.6 and regulation 6.3.8 were submitted by the Louisiana Air Control Commission on October 11, 1979 (non-regulatory).

(19) Regulations 22.17 and 22.18, adopted by the Louisiana Air Control Commission on September 25, 1979 were submitted by the Governor on October 18, 1979.

(20) On January 10, 1980, the Governor submitted final revisions to the ambient monitoring portion of the plan.

NOTE: At 47 FR 6017, Feb. 10, 1982, the following paragraph (c)(20) was added to § 52.970 and will be correctly designated by an EPA document published in the FEDERAL REGISTER at a later date.

(20) Revised Regulation 22.8(c) was submitted by the Governor on June 20, 1979. This regulation was adopted by the Louisiana Air Control Commission on March 27, 1979.

(21) Revised Regulation 22.5 was submitted by the Governor on April 30, 1979. This regulation was adopted by the Louisiana Air Control Commission on March 27, 1979. A second revision to Regulation 22.5 was submitted by the Governor on July 7, 1979, as adopted by the Louisiana Air Control Commission on June 26, 1979.

(22) Revised Regulations 6.3.8, 22.3, 22.6.1, 22.6.2, 22.10, and 22.12.4 were submitted by the Governor on December 10, 1979. These regulations were adopted by the Louisiana Air Control Commission on November 27, 1979. A second revision to Regulation 6.3.8 was submitted by the Governor on October 23, 1980. The second revision was adopted by the Louisiana Air Control Commission on September 25, 1980.

(23) Revisions to the Air Control Regulations 24.6.1 and 24.7.4, as adopted by the Louisiana Environmental Control Commission on March 27, 1979, were submitted by the Governor on April 30, 1979.

(24) Revised Regulations 22.9.2, 22.9.3(b), 22.19, 22.20, 22.21, 22.22 and 22.23 and revised Regulation 4.0 (i.e. sections 4.99 through 4.116) were adopted by the State on November 27, 1979 and submitted by the Governor

on December 10, 1979; and revised Regulations 22.3 and 22.20.2 were adopted by the State on July 22, 1980 and submitted by the Governor on September 12, 1980.

(25) Revised Regulations 22.9.3(b), 22.20.3, and 22.23.7 were adopted by the State on December 11, 1980 and submitted by the Governor on January 12, 1981; revised Regulation 22.21.2(E) was adopted by the State on April 23, 1981 and submitted by the Governor on June 3, 1981; and, revised Regulation 22.19.2(B) was adopted by the State on June 25, 1981 and submitted by the Governor on July 22, 1981.

(26) Revisions to the Air Control Regulations 6.1.1, 18.2, 18.4, 18.6.3, 19.5.1, 24.9.1, 24.9.2, 26.3.1, 26.3.2 and 51.11, as adopted by the Louisiana Environmental Control Commission on September 25, 1980, were submitted by the Governor on October 23, 1980.

(27) [Reserved]

(28) A revision to the Air Control Regulations 22.9.3(d) as adopted by the Louisiana Air Control Commission on December 11, 1980, was submitted by the Governor on January 12, 1981.

(29) Revisions to the Air Control Regulations 8.5.1, 22.3.1.1, 22.3.1.2, and 22.10, as adopted by the Louisiana Air Control Commission on April 23, 1981, were submitted by the Governor on June 3, 1981.

(30) A revision to the Air Control Regulation 22.9.3(a), as adopted by the Louisiana Air Control Commission on May 28, 1981, was submitted by the Governor on June 3, 1981.

(31) A revision to the Air Control Regulation 22.3.2, as adopted by the Louisiana Air Control Commission on July 23, 1981, was submitted by the Governor on August 17, 1981.

(32) [Reserved]

(33) Section 6.1 of Regulation 6.0 amended and adopted by the Louisiana Environmental Control Commission on October 22, 1981, was submitted by the Governor on November 30, 1981.

(34) Revisions to the Air Control Regulations 4.102, 4.110, 22.20.2 and 22.21.2(D), as adopted by the Louisiana Environmental Control Commission on December 11, 1980, were submitted by the Governor on January 12, 1981.

(35) [Reserved]

(36) Revisions to the Air Control Regulations 4.14, 4.36, 6.6, 22.3.1.1, and 22.3.1.2, as adopted by the Louisiana Environmental Control Commission on February 26, 1981, were submitted by the Governor on March 25, 1981.

(37) Revisions to the Air Control Regulations 17.13, 23.4.1.1 and 23.4.4, as adopted by the Louisiana Environmental Control Commission on January 28, 1982, were submitted by the Governor on February 15, 1982.

(38) A revision to section 2210 of the Louisiana Air Control Law was submitted to EPA on March 10, 1982. The Section was renamed Section 1077 of the Environmental Affairs Act, by the Louisiana Legislature, and was effective January 1, 1980.

(Secs. 110(a) and 172 of the Clean Air Act, 42 U.S.C. 7410(a) and 7502)

[37 FR 10869, May 31, 1972]

Editorial Note: For Federal Register citations to § 52.970, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Effective Date Note: In § 52.970, paragraph (c)(33) was added at 47 FR 19994, May 10, 1982, effective July 9, 1982, and paragraphs (c) (34) and (36) through (38) were added at 47 FR 25013, June 9, 1982, effective August 9, 1982.

§ 52.971 Classification of regions.

The Louisiana plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Southern Louisiana-Southeast Texas Interstate	II	I	III	III	I
Shreveport-Texarkana-Tyler Interstate	II	III	III	III	III
Monroe-El Dorado Interstate	II	III	III	III	III

[37 FR 10869, May 31, 1972, as amended at 45 FR 9909, Feb. 14, 1980]

§ 52.972 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Louisiana's plan for the attainment and maintenance of the national standards under Section 110 of the Clean Air Act. Further, the Administrator finds that the plan satisfies all requirements of Part D of the Clean Air Act, as amended in 1977, except as noted below.

In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on EPA approval of regulations submitted by Louisiana for the sources covered by controlled technique guidelines (CTGs) issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional reasonably achievable control technology (RACT) requirements for sources covered by CTGs issued by the previous January.

[45 FR 9909, Feb. 14, 1980]

§§ 52.973—52.975 [Reserved]

§ 52.976 Review of new sources and modification.

(a) Section 6.7 of Regulation 6.0 is disappoved since it could conflict with the preconstruction requirements for the prevention of significant deterioration (PSD) of air quality.

(b) Section 6.9 of Regulation 6.0 is disapproved since it could conflict with the preconstruction requirements for the prevention of significant deterioration (PSD) of air quality and the Administrator's Interpretative on Rule of December 21, 1976.

(Sec. 110(a), Clean Air Act, as amended (42 U.S.C. 7410(a)))

[44 FR 18491, Mar. 28, 1979, as amended at 47 FR 6017, Feb. 10, 1982]

§ 52.977 [Reserved]

§ 52.978 Resources.

(a) The requirements of § 51.20 of this chapter are not met since the plan does not indicate that adequate manpower and financial resources will be available to operate the State's air pollution control program.

[37 FR 10869, May 31, 1972]

§ 52.979 Attainment dates for national standards.

The table below presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in Louisiana's plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Monroe-El Dorado Interstate	a	a	b	b		b	b
Shreveport-Texarkana-Tyler Interstate:							
a. Caddo and Bossier Parishes	a	a	b	b	b	b	c
b. Remainder of AQCR	a	a	b	b	b	b	b
Southern Louisiana-Southeast Texas Interstate:							
a. Ascension, Iberville, St. James, St. John the Baptist, West Baton Rouge, East Baton Rouge, Calcasieu, Orleans, Jefferson, St. Bernard, St. Charles, Grant, Beauregard, Lafourche, Point Coupee, Lafayette, and St. Mary Parishes	a	a	a	a	b	b	c
b. Remainder of AQCR	a	a	a	a	b	b	May 31, 1975

a. July 1975.
b. Air quality levels presently below secondary standards.
c. December 1982.

NOTE: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) of the Act prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.979 (1978).

[45 FR 9910, Feb. 14, 1980]

§ 52.980 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as revisions to the plan pursuant to §§ 51.6 and 51.15 of this chapter. All regulations cited are air pollution control regulations of the State and have immediately effective dates.

Source, location	Regulation involved	Date schedule adopted	Final compliance date
WEST MONROE			
Olinkraft:			
(a) Wood waste boiler	18.2, 23.4.1(4)	Apr. 6, 1976	May 31, 1976.
(b) Recovery furnace No. 3	18.2, 23.4.1(1)	do	Mar. 20, 1977.
(c) Recovery furnace No. 1	23.4.1(1)	do	Mar. 21, 1977.
(d) Recovery furnace No. 2	23.4.1(1)	do	Do.
(e) Smelt tank vent No. 1	23.4.1(2)	do	Do.
(f) Smelt tank vent No. 2	23.4.1(2)	do	Do.
BOGALUSA			
Crown-Zellerbach:			
(a) Wood waste boiler 10-C	18.2, 23.3	Oct. 29, 1975	July 1, 1976.
(b) Recovery furnace No. 19	18.2, 23.4.1(1)	do	Oct. 31, 1975
(c) Smelt tank vent No. 19	23.4.1(2)	do	Sept. 29, 1975.
(d) Lime kiln	23.4.1(3)	do	Sept. 15, 1975
BASTROP			
International Paper (Bastrop mill): (a) Wood waste boiler	21.3	Dec. 12, 1975	May 30, 1977.
(a) Recovery furnace No. 4	18.2, 23.4.1(1)	do	Jan. 31, 1978.
(b) Recovery furnace No. 5	18.2, 23.4.1(1)	do	July 15, 1976.
(c) Wood waste boiler	18.2, 23.4.1(1)	do	Dec. 31, 1977.
SPRINGHILL			
International Paper (Springhill mill):			
(a) No. 2 power boiler	18.2	do	Feb. 15, 1976.
(b) No. 4 wood waste boiler	18.2, 23.4.1(4)	do	Oct. 30, 1976.
(c) No. 1 wood waste boiler	23.4.1(4)	do	Do.
(d) 6 power boilers	23.3	do	Dec. 31, 1976.
(e) Recovery furnace No. 1	23.4.1(1)	do	Feb. 15, 1976.
(f) Recovery furnace No. 2	23.4.1(1)	do	Do.
(g) Smelt tank vent No. 1	23.4.1(2)	do	Do.
(h) Smelt tank vent No. 2	23.4.1(2)	do	Do.
(i) No. 1 lime kiln	23.4.1(3)	do	Jan. 15, 1977.
(j) No. 3 lime kiln	23.4.1(3)	do	Do.
(k) Recovery furnace No. 3	23.4.1(1)	do	Dec. 22, 1975.
(l) Smelt tank vent No. 3	23.4.1(2)	do	Do.

(b) The compliance schedule below for Kaiser Aluminum & Chemical Corporation is approved as a revision to the plan pursuant to §§ 51.6 and 51.15 of this chapter. The regulation cited is an approved regulation of the State.

Source	Location	Regulation involved	Final compliance date
Kaiser Aluminum & Chemical Corp. (coke calciner)	Norco	19.5	Dec. 31, 1980.

(c) The compliance schedules below for Shell Oil Company is approved as a revision to the plan pursuant to §§ 51.6 and 51.15 of this chapter. The regulation cited is an approved regulation of the State.

Source	Location	Regulation	Final compliance date
(1) Bulk gasoline terminal	Kenner	22.15	Sept. 1, 1982.
(2) 128 gasoline service stations	Parishes: Jefferson, Orleans, St. Tammany, St. John the Baptist, St. Charles, St. Bernard, Plaquemines, East Baton Rouge, West Baton Rouge, Calcasieu, Lafayette, St. Martin, Bossier, Caddo.	22.14	Do.

(Sec. 110(a), Clean Air Act, as amended (42 U.S.C. 7410(a)))

[42 FR 37549, July 22, 1977, as amended at 44 FR 35224, June 19, 1979; 47 FR 3116, Jan. 22, 1982]

§§ 52.981-52.982 [Reserved]

§ 52.983 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met, since section 2210 of the Louisiana Air Control Law could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, section 2210 is disapproved.

[39 FR 34536, Sept. 26, 1974]

§§ 52.984—52.985 [Reserved]

§ 52.986 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Louisiana.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.987 Control of hydrocarbon emissions.

(a) Notwithstanding any provisions to the contrary in the Louisiana Implementation Plan, the control measures listed in paragraphs (b) through (n) of this section shall be implemented in accordance with the schedule set forth below.

(b) Removal from service of a 10,000 barrel capacity crude oil storage tank at the Belcher Station of the Exxon Pipeline Company, Belcher, Louisiana, with a final compliance date of January 1, 1980. This shall result in an estimated hydrocarbon emission reduction of at least 208 tons per year.

(c) Removal from service of a 55,000 barrel capacity crude oil storage tank at the Weller Station of the Exxon Pipeline Company, near Minden, Louisiana, with a final compliance date of January 1, 1980. This shall result in an estimated hydrocarbon emission reduction of at least 263 tons per year.

(d) Installation of emission control systems on three 3,000 barrel capacity distillate storage tanks, at the Jones O'Brien Inc., Keatchie, Louisiana, with a final compliance date of January 1, 1978. This shall result in an estimated hydrocarbon emission reduction of at least 23 tons per year.

(e) Installation of emission control systems on crude oil storage tanks TK-43, TK-44, T-45 and T-49, and distillate tanks T-46 and T-50 at the Atlas Processing Company, Shreveport, Louisiana with a final compliance date of January 2, 1980. This shall result in an estimated hydrocarbon emission reduction of at least 881 tons per year.

(f) Installation of emission control systems on crude oil storage tanks TK-19-74, TK-HC-74, TK-571-74 and TK-15-74 and agreement to store only nonvolatile organic solvent in tanks TK-F2-74, TK-41-74 and TK-40-74 at the Cotton Valley Solvents Company, Cotton Valley, Louisiana with a final compliance date of January 2, 1980.

This shall result in an estimated hydrocarbon emission reduction of at least 934 tons per year.

(g) Discontinue use of residue gas in pneumatic instrumentation and control systems at the Kerr-McGee Corporation, Devon Corporation, and Eason Oil Company, Calhoun Plant, Calhoun, Louisiana with a final compliance date of July 1, 1978. This shall result in an estimated hydrocarbon emission reduction of at least 21 tons per year.

(h) Discontinue use of residue gas in pneumatic instrumentation and control systems with a final compliance date of July 1, 1978, and install emission control systems on distillate storage tanks 2-7 and 2-13 with a final compliance date of January 2, 1980, at the Kerr-McGee Corp., Devon Corp., and Eason Oil Co., Dubach Plant, Dubach, Louisiana. This shall result in an estimated hydrocarbon reduction of at least 367 tons per year.

(i) Installation of emission control systems on a 37,500 barrel capacity crude oil storage tank at Cities Service Pipeline Company, Oil City, Louisiana with a final compliance date of February 1, 1980. This shall result in an estimated hydrocarbon emission reduction of at least 208 tons per year.

(j) Installation of emission control systems on a 25,000 barrel capacity crude oil storage tank at Cities Service Pipeline Company, Haynesville, Louisiana with a final compliance date of February 1, 1980. This shall result in an estimated hydrocarbon emission reduction of at least 28 tons per year.

(k) Installation of emission control systems on a 10,000 barrel capacity crude oil storage tank at Cities Service Pipeline Company, Summerfield, Louisiana with final compliance achieved in August 1977. This shall result in an estimated hydrocarbon emission reduction of at least 162 tons per year.

(l) Installation of emission control systems on a 30,000 barrel capacity crude oil storage tank at the Scurlock Oil Company, Lake End, Louisiana, with a final compliance date of January 15, 1980. This shall result in an estimated hydrocarbon emission reduction of at least 90 tons per year.

(m) Installation of emission control systems on a 55,000 barrel capacity crude oil storage tank at the Scurlock Oil Company, Dutchtown Oil Field near Minden, Louisiana, with a final compliance date of January 15, 1980. This shall result in an estimated hydrocarbon emission reduction of at least 186 tons per year.

(n) Installation of emission control systems on distillate storage tank No. 414 with a final compliance date of September 1, 1979, and the removal from service of tank No. 450 with final compliance achieved on December 1, 1977, at the Texas Eastern Products Pipeline Company, Sarepta, Louisiana. This shall result in an estimated hydrocarbon emission reduction of at least 355 tons per year.

(Sec. 110(a), Clean Air Act, as amended (42 U.S.C. 7410(a)))

[44 FR 15705, Mar. 15, 1979]

§ 52.988 Rules and regulations.

(a) The requirements of § 51.22 of this chapter are not met since the definitions of "particulate matter" and "suspended particulate matter", as provided in Sections 4.47 and 4.72 respectively, could in some circumstances make applicable emission limitations of the Louisiana Air Control Commission unenforceable. Therefore, Sections 4.47 and 4.72 are disapproved.

(b) The following definition of particulate matter applies to Regulations 9.0 and 27.0: "Particulate matter" means any finely divided solid or liquid material, other than uncombined water, as measured by the high volume method prescribed in Appendix B of Part 50, Title 40 of the Code of Federal Regulations.

(c) The following definition of particulate matter applies to Regulations 19.0, 20.0, 21.0, 23.0, and 28.0: "Particulate matter" means any finely divided solid or liquid material, other than uncombined water, as measured by Method 5, or an equivalent or alternative method, of Appendix A, Part 60, Title 40 of the Code of Federal Regulations.

(Sec. 110(a), Clean Air Act, as amended (42 U.S.C. 7410(a)))

[44 FR 18491, Mar. 28, 1979]

Subpart U—Maine

§ 52.1020 Identification of plan.

(a) Title of plan: "Implementation Plan for the Achievement of National Air Quality Standards."

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Miscellaneous non-regulatory changes to the plan submitted on March 17, 1972, by the Environmental Improvement Commission for the State of Maine.

(2) Regulation 10.8.4(g) establishing compliance schedules for sources in Maine submitted on July 28, 1972, by the Environmental Improvement Commission for the State of Maine.

(3) A revision removing fuel burning sources with a maximum heat input from three million up to 10 million BTU/hr from the particulate matter control strategy submitted on March 29, 1973, by the Governor.

(4) Changes in the Open Burning Regulation 100.2 submitted on September 4, 1973, by the State of Maine Department of Environmental Protection.

(5) An AQMA proposal submitted on June 26, 1974, by the Governor.

(6) Revision to incinerator particulate emission standard, submitted on August 26, 1976 by the Commissioner of the Maine Department of Environmental Protection, which would exempt woodwaste cone burners from the plan until 1980.

(7) Revision to incinerator particulate emission standard, submitted on November 18, 1976 by the Commissioner of the Maine Department of Environmental Protection, which would exempt municipal waste cone burners from the plan.

(8) Revision to open burning regulation submitted on December 7, 1976 by the Commissioner of the Maine Department of Environmental Protection.

(9) Revisions to Chapter 5—*State Implementation Plan Air Quality Surveillance*, and Chapter 6—*Revision of New Sources and Modifications*, submitted by the Governor on March 10, 1978.

(10) Plans to meet various requirements of the Clean Air Act, including Part C, were submitted on May 1, 1979, October 26, 1979 and December 20, 1979. Included in the revisions is a plan for review of construction and operation of new and modified major stationary sources of pollution in attainment areas.

(11) Attainment plans to meet the requirements of Part D and the Clean Air Act, as amended in 1977, were submitted on May 1, 1979; October 26, 1979; December 20, 1979; July 9, 1980; July 31, 1980; December 18, 1980; March 17, 1981. Included are plans to attain: The secondary TSP standard for Augusta, Thomaston, Bangor and Brewer; the primary and secondary SO_2 standard for Millinocket; the carbon monoxide standard for Lewiston and Bangor and the ozone standard for AQCRS 107 and 110. A program was also submitted for the review of construction and operation of new and modified major stationary sources of pollution in non-attainment areas. Certain miscellaneous provisions are also included.

(12) A plan to provide for public involvement in federally funded air pollution control activities was submitted on May 28, 1980.

(13) Revisions to Chapter 5—State Implementation Plan—Air Quality Surveillance, intended to meet requirements of 40 CFR Part 58, were submitted by the Commissioner of the Maine Department of Environmental Protection on July 1, 1980.

(14) Revisions to attain and maintain the NAAQS for lead were submitted on August 7, and November 5, 1980.

(15) A revision to Regulation 100.6 (Chapter 106) "Low Sulfur Fuel Regulation" for the Metropolitan Portland Air Quality Control Region, submitted by the Governor of Maine on August 25, 1977.

(16) Department Regulation Chapter 112, Petroleum Liquid Transfer Vapor Recovery, is amended to exempt the town of Searsport, Maine from this regulation. This amendment was submitted by Henry E. Warren, Commissioner of the Department of Environmental Protection on October

23, 1981, in order to meet Part D requirements for ozone.

(17) Regulatory revisions to the plan containing changes to Chapter 101 "Visible Emissions Regulation" submitted August 7, 1980.

(Sec. 110(a), 172, and 301 of the Clean Air Act, as amended (42 U.S.C. 7401, 7410, 7502, 7601))

[37 FR 10870, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1020, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1021 Classification of regions.

The Maine plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Metropolitan Portland Intrastate	I	II	III	III	III
Androscoggin Valley Interstate	IA	IA	III	III	III
Down East Intrastate	IA	IA	III	III	III
Aroostook Intrastate	III	III	III	III	III
Northwest Maine Intrastate	III	III	III	III	III

[37 FR 10870, May 31, 1972, as amended at 45 FR 10774, Feb. 19, 1980]

§ 52.1022 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Maine's plan, as identified in § 52.1020, for the attainment and maintenance of the national standards under Section 110 of the Clean Air Act. Furthermore, the Administrator finds the plans satisfy all requirements of Part D, Title I, of the Clean Air Act, as amended in 1977, except as noted below:

In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January, 1978 and January, 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

[45 FR 10774, Feb. 19, 1980]

§ 52.1023 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State unless otherwise noted. (See § 52.1025 for control strategy revision approvals and disapprovals pertaining to one or more of the sources listed below.)

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
All sources subject to Regulation 100.3.1(b) with a maximum heat input from three million up to but not including ten million Btu per hour.	Maine	100.3.1(b)	Mar. 29, 1973	Immediately	N/A.

[38 FR 22474, Aug. 21, 1973]

§ 52.1024 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in Maine's plan.

Air quality control region and nonattainment area[1]	Pollutant						
	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
AQCR 107:							
Augusta	a	c	a	b	a	a	c
Rockland	a	b	a	b	a	a	c
Thomaston	a	e	a	b	a	a	c
Lewiston	a	b	a	b	a	c	c
Auburn	a	b	a	b	a	a	c
Remainder of AQCR	a	b	a	b	a	a	c
AQCR 109:							
Bangor	a	f	a	b	a	c	a
Brewer	a	f	a	b	a	a	a
Baileyville	a	b	a	b	a	a	a
Millinocket	a	b	d	d	a	a	a
Remainder of AQCR	a	b	a	b	a	a	a
AQCR 110	a	b	a	b	a	a	c

[1] Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.1024 (1978).

a. Air quality levels presently below primary standards or area is unclassifiable.
b. Air quality levels presently below secondary standards or area is unclassifiable.
c. 12/31/82.
d. 9/1/80.
e. 11/30/81.
f. 12/31/80.

(Secs. 110(a), 172, and 301(a), Clean Air Act, is amended (42 U.S.C. 7410(a), 7502, and 7601(a)))

[45 FR 10774, Feb. 19, 1980; 46 FR 33524, June 30, 1981, as amended at 47 FR 6830, Feb. 17, 1982]

§ 52.1025 Control strategy: Particulate matter.

(a) The revisions to the control strategy resulting from the modification to the emission limitations applicable to the sources listed below or resulting from the change in the compliance date for such sources with the applicable emission limitation is hereby approved. All regulations cited are air pollution control regulations of the State unless otherwise noted. (See § 52.1023 for compliance schedule approvals and disapprovals pertaining to one or more of the sources below.)

Source	Location	Regulation involved	Date of adoption
All sources subject to Regulation 100.3.1(b) with a maximum heat input from three million up to but not including ten million Btu per hour.	Maine	100.3.1(b)	3/29/73

(b) The revision to the incinerator particulate emission standard submitted on August 26, 1976 is disapproved because of provisions therein which would interfere with the attainment and maintenance of national ambient air quality standards.

(c) The revision to the incinerator particulate emission standard submitted on November 18, 1976 is disapproved because of provisions therein which would interfere with the attainment and maintenance of national ambient air quality standards.

(d) The revision to the open burning regulation submitted on December 7, 1976 is disapproved because of provisions therein which would interfere with the attainment and maintenance of national ambient air quality standards.

(Sec. 110(a), 172, and 301(a), of the Clean Air Act, as amended; 42 U.S.C. 7410, 7502, and 7601)

[38 FR 22474, Aug. 21, 1973, as amended at 43 FR 14964, Apr. 10, 1978; 43 FR 15424, Apr. 13, 1978; 47 FR 6830, Feb. 17, 1982]

§ 52.1026 Review of new sources and modifications.

The program to review operation and construction of new and modified major stationary sources in non-attainment areas is approved as meeting the requirements of Part D.

[45 FR 10775, Feb. 19, 1980]

§ 52.1027 Rules and regulations.

(a) *Part D—Conditional Approval.*

(b) *Non-Part D—No Action.* EPA is neither approving nor disapproving the following elements of the revisions identified in § 52.1020(C)(10):

(1) Intergovernmental consultation.

(2) Interstate pollution notification requirements.

(3) Public notification requirements.

(4) Conflict of Interest requirements.

(5) Permit fees.

(Sec. 110 of the Clean Air Act, as amended)

[45 FR 10775, Feb. 19, 1980, as amended at 45 FR 59314, Sept. 9, 1980]

§ 52.1028 Maintenance of national standards.

(a) Pursuant to the requirements of § 51.12, paragraphs (e) and (f), of this chapter, the Administrator, in agreement with the State of Maine, has identified no areas that have the potential for violation of the national ambient air quality standards within 10 years.

[40 FR 18734, Apr. 29, 1975]

§ 52.1029 Significant deterioration of air quality.

The program to review operation and construction of new and modified major stationary sources in attainment areas is approved as meeting the requirements of Part C.

[45 FR 6786, Jan. 30, 1980]

§ 52.1030 Control strategy: Sulfur oxides.

(a) The revision to Regulation 100.6 (Chapter 106) "Low Sulfur Fuel Regulation" for the Metropolitan Portland Air Quality Control Region, submitted by the Governor of Maine on August 25, 1977, is approved with the exception of paragraph 100.6.5(b) which allows the Commissioner of the Department of Environmental Protection to grant variances to Regulation 100.6.

(Sec. 110(a) of the Clean Air Act, as amended, 42 U.S.C. 7410 and 7601))

[47 FR 948, Jan. 8, 1982]

Subpart V—Maryland

§ 52.1070 Identification of plan.

(a) Title of plans:

(1) "Plan for Implementation of Ambient Air Quality Standards in Cumberland, Maryland-Keyser, West Virginia, Interstate Air Quality Control Region."

(2) "Plan for Implementation of Ambient Air Quality Standards in the Central Maryland Intrastate Air Quality Control Region."

(3) "Plan for Implementation of Ambient Air Quality Standards in the Metropolitan Baltimore Intrastate Air Quality Control Region."

(4) "Plan for Implementation of Ambient Air Quality Standards in the Maryland portion of the National Capital Interstate Air Quality Control Region."

(5) "Plan for Implementation of Ambient Air Quality Standards in the Southern Maryland Intrastate Air Quality Control Region."

(6) "Plan for Implementation of Ambient Air Quality Standards in the Eastern Shore Intrastate Air Quality Control Region."

(b) The plans were officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Miscellaneous non-regulatory additions and errata to the plan submitted on February 25, 1972, by the Maryland Bureau of Air Quality Control.

(2) Clarification of emission data submitted on March 3, 1972, by the Maryland Bureau of Air Quality Control.

(3) Final State emission limitations, Regulations 10.03.35-10.03.41 of the Maryland Air Pollution Control Regulations, submitted on April 4, 1972, by the Maryland Bureau of Air Quality Control.

(4) Miscellaneous non-regulatory corrections and additions to the plan submitted on April 28, 1972, by the

Maryland Bureau of Air Quality Control.

(5) Miscellaneous non-regulatory corrections and additions to the plan submitted on May 8, 1972, by the Maryland Bureau of Air Quality Control.

(6) Revision establishing unsuitable sites for construction of power plants submitted July 27, 1972, by the Maryland Department of Natural Resources.

(7) Transportation control plan for Metropolitan Baltimore and National Capital AQCR Submitted on April 16, 1973, by the Governor.

(8) Amendments to the Maryland Transportation Control Plans submitted on May 5, 1973, by the Governor.

(9) Amendments to the Maryland Transportation Control Plans submitted on June 15, 1973, by the Governor.

(10) Amendments to the Maryland Transportation Control Plans submitted on June 22, 1973, by the Governor.

(11) Amendments to the Maryland Transportation Control Plans submitted on June 28, 1973, by the Governor.

(12) Amendments to the Maryland plan for attainment and maintenance of secondary SO_2 standard for Metropolitan Baltimore AQCR submitted on July 31, 1973, by the Governor.

(13) Amendment to Maryland regulations 10.03.38.04J and 10.03.39.04J covering gasoline handling vapor control submitted on April 24, 1974, by the Governor of Maryland.

(14) Request for regulations 10.03.38.06G(2) and 10.03.39.06G(2) to be withdrawn from consideration submitted on November 29, 1974, by the Governor of Maryland.

(15) Amendments to Maryland Regulations 10.03.36, 10.03.37, 10.03.39, 10.03.40 and 10.03.41; deleting subsection .04B(3), which requires the lowering of the allowable sulfur-in-fuel limitation to 0.5 percent submitted on December 11, 1974 by the Governor.

(16) Amendment to Sections .04J(1) and .04J(2) of Maryland Regulations 10.03.38 and 10.03.39 (vapor recovery, Stage I); submitted on April 24, 1974, and amended on July 1, 1975 by the Governor.

(17) Amendment to Sections .04B(1) and .04B(2) of Maryland Regulations 10.03.37, 10.03.40 and 10.03.41 (allowable sulfur content in fuel); submitted on July 1, 1975 by the Governor.

(18) Amendment to Maryland Regulation 10.03.38, deleting subsection .04B(3), which requires the lowering of the allowable sulfur-in-fuel limitation to 0.5 percent, submitted on December 11, 1974 by the Governor.

(19) Amendments to Sections .03 (Air Pollution Episode System), .06 (Test Methods) and .11 (Permits); and deletion of Section .04 (Prior Registration of Proposed Installations) of Maryland Regulation 10.03.35 (Regulations Governing Air Pollution Control in the State of Maryland); amendments to Sections .03 (Control of Particulate Emissions), .04 (Control and Prohibition of oxides of nitrogen emissions), and associated tables of Maryland Regulations 10.03.36, 10.03.37, 10.03.40, and 10.03.41 (Regulations Governing Air Pollution Control in the Cumberland-Keyser, Central Maryland, Southern Maryland, and Eastern Shore AQCRs); amendments to Sections .03 (Control and Prohibition of Particulate Emissions), .04 (Control and Prohibition of Hydrocarbons and Oxides of Nitrogen Emissions) and .06 (Control and Prohibition of Installations and Operations) and associated tables of Maryland Regulations 10.03.38 and 10.03.39 (Regulations Governing Air Pollution Control in the Metropolitan Baltimore and National Capital AQCRs); submitted on April 24, 1974 by the Governor.

(20) Amendments to Sections .01 (Definitions), .04 (Ambient Air Quality Standards (former Section .05 of Regulations)), 10.03.36 through 10.03.41 (Regulations Governing Control of Air Pollution in the State of Maryland); amendments to Sections .01 (Control and Prohibition of Open Burning), .02 (Control and Prohibition of Particulate Emissions), .03 (Control and Prohibition of Sulfur Oxides, Hydrocarbons and Oxides of Nitrogen Emissions), and .06 (Control and Prohibition of Installations and Operations) of Maryland Regulations 10.03.36, 10.03.37, 10.03.40, and 10.03.41 (Regulations Controlling Air Pollution in the Cumberland-Keyser, Central Maryland, Southern Maryland and Eastern Shore AQCRs); amendments to Section .02 (Control and Prohibi-

tion of Visible Emissions), .03 (Control and Prohibition of sulfur oxides, hydrocarbons, and oxides of nitrogen emissions), and .06 (Control and Prohibition of Installations and Operations) of Maryland Regulations 10.03.38 and 10.03.39 (Regulations Controlling Air Pollution in the Metropolitan Baltimore and National Capital AQCRs); submitted on December 11, 1974 by the Governor.

(21) Amendments to Section .11 (Permits) of Maryland Regulation 10.03.35 (Regulations Governing Control of Air Pollution in the State of Maryland); amendments to Section .04 (Control and prohibition of sulfur oxides emissions) of Maryland Regulations 10.03.36, 10.03.37, 10.03.40 and 10.03.41 (Regulations Governing Air Pollution Control in the Cumberland-Keyser, Central Maryland, Southern Maryland and Eastern Shore AQCR's); deletion of Section .03D(1) (Control of particulate matter from grain drying installations) from Maryland Regulations 10.03.36, 10.03.37, 10.03.40 and 10.03.41; deletion of Section .03D (Control of particulate matter from grain drying installations) from Maryland Regulations 10.03.38 and 10.03.39 (Regulations Governing Air Pollution Control in the Metropolitan Baltimore and National Capital AQCR's) submitted by the Governor on July 1, 1975.

(22) A Consent Order for the Chalk Point power plant issued by the Circuit Court for Montgomery County on February 27, 1978.

(23) Amendments to Sections .01 (Definitions), .03 (Air Pollution Episode System), .06 (Test Methods) and .12 (Emission Test Methods); and deletion of Section .08 (Penalties and Plans for Compliance) of Regulation 10.03.35 (Regulations Governing Air Pollution Control in the State of Maryland); amendments to Table 1 (Emission Standards for New Fuel Burning Equipment) of Maryland Regulations 10.03.36 through 10.03.41; amendments to Section .04 (Control and Prohibition of Gas and Vapor Emissions) and .06 (Control and Prohibition of Installations and Operations; and deletion of Section. .03E (Process Weight Requirements) and .07 (Transition from Previous Regulations) of Maryland Regulation 10.03.38 (Regulation Governing Air Pollution Control in the Metropolitan Baltimore AQCR); amendments to Section .01 (Control of Open Fires) and .04 (Control of Gas and Vapor Emissions; and deletion of Sections .03E (Process Weight Requirements) and .07 (Transition from Previous Regulations) of Maryland Regulation 10.03.39 (Regulation Governing Air Pollution Control in the Maryland Portion of the National Capital Interstate AQCR) submitted on February 10, 1977 by the Governor.

(24) Amendments to Maryland Regulation 10.03.35 through 10.03.41 inclusive which supplement the English System measurement with equivalent metric units submitted on February 10, 1977 by the Governor.

(25) Consent Order dated July 28, 1978 between the Potomac Electric Power Company and the Department of Health and Mental Hygiene of the State of Maryland in the Circuit Court for Montgomery County (No. 49352—Equity) submitted on August 8, 1978 by Acting Governor Blair Lee.

(26) Consent Orders for Beall Jr./Sr. High School and Mount St. Mary's College issued by the Secretary of the Maryland Department of Health and Mental Hygiene on January 30, 1979 and March 8, 1979 respectively.

(27) Amendments to Sections .01, .07, and .11 of Maryland Regulation 10.18.01 as submitted on January 19, 1979 by the Governor.

(28) Amendments to Sections .03D, .03F, .03H, .06I of Maryland Regulation 10.18.04 and 10.18.05 as submitted on January 19, 1979 by the Governor.

(29) Variances from Maryland regulations 10.18.04.02(A), 10.18.04.03(B)(3), and 10.18.04.04(B)(1) relating to visible emissions, particulate matter from solid fuel burning equipment and prohibition of usage of fuel with sulfur content in excess of one percent by weight, respectively. The variance request was submitted on October 24, 1979 by the Governor of Maryland.

(30) Consent orders submitted by the Governor on July 16, 1975, November 18, 1977, and by the Administrator, Air Quality Programs on June 15, 1979 granting the Westvaco Corporation an

exception to Regulation COMAR 10.18.02.04B.

(31)-(32) [Reserved]

(33) A consent order amending regulation 10.18.07, 10.18.07.02B, 10.18.07.03B(2)a, for the Firestone Plastics Co., Inc., Perryville, Maryland, submitted on December 1, 1978, by the Maryland Environmental Health Administration.

(34) Amendment to Maryland regulations 10.18.05.03(B)(2), 10.18.05.02(A), and 10.18.05.03(B)(1)(a) relating to relaxation of particulate emissions, visible emissions and waiving of particulate control equipment requirement for the Chalk Point Generating Station Unit ‹3. The amendment, a Secretarial Order, was submitted on August 13, 1979 by the State of Maryland.

(35) Variance from Maryland regulation 10.18.04.02(A) relating to visible emissions and allowing a maximum visible emission of 25% opacity. This variance expires on September 11, 1982. The variance request was submitted on September 27, 1979 by the State of Maryland.

(36) Amendments to Sections .01 (Definitions), .04 (Ambient Air Quality Standards), and .11 (Permits) of Maryland Regulation 10.18.01 (Regulations Governing Control of Air Pollution in the State of Maryland); and amendments to Section .02 (Control and Prohibition of Visible Emissions) of Maryland Regulations 10.18.04 and 10.18.05 (Regulations Governing Air Pollution Control in the Metropolitan Baltimore and National Capital AQCRS's) submitted by the Governor on September 26, 1979.

(37) Amendments to Section .04J(3)a and .04J(3)b (Organic Compounds) of Maryland Regulations 10.18.04 and 10.18.05; submitted on February 10, 1977 by the Governor.

(38) Deletion of Section .06G(2) (Control and Prohibition of Photochemically Reactive Organic Compounds from sources existing on or before February 12, 1974) of Maryland Regulations 10.18.04 and 10.18.05; submitted on December 10, 1979 by the Governor.

(39) Deletion of Sections .06G(1) and .06G(3) (Control and Prohibition of Photochemically Reactive Organic Materials From Sources Built or Modified after February 12, 1974) of Maryland Regulations 10.18.04 and 10.18.05 from the Maryland State Implementation Plan (SIP).

(40) Letter of January 21, 1980 from Maryland to EPA explaining the State's interpretation of the scope of coverage of Maryland Regulation 10.18.04.04J.

(41) Amendments to Sections .06 of Maryland Regulation 10.18.04 and 10.18.05 as submitted on January 19, 1979 by the Governor.

(42) Amendment to Section .01(y) of Maryland Regulation 10.18.01 as submitted on December 10, 1979 by the Governor.

(43) Amendments to Regulations 10.18.04 and 10.18.05; Sections .04J(1)c, .04J(1)d, .04J(1)e(i), .04J(1)f, .04J(1)g, .04J(1)h, .04J(1)i(i), .04J(3)d, .04J(4)a, .04J(4)b, and .04J(5) a through j; submitted on January 19, 1979, and amended on September 26, 1979 by the State of Maryland.

(44) A revision submitted by the State of Maryland on December 20, 1979 which is intended to establish an Ambient Air Quality Monitoring Network.

(45) Recodification of the Maryland Regulations submitted by the State of Maryland on May 22, 1980.

(46) Amendments to section .04D(4) of COMAR 10.18.04 and COMAR 10.18.05 establishing a revised sulfur oxides emissions limitation for all existing solid fuel-fired, cyclone type fuel burning equipment having an actual heat input in excess of 1,000 million Btu/hour; submitted on February 20, 1980 by the Governor.

(47) October 1, 1980 letter from George P. Ferreri, Maryland Office of Environmental Programs to James E. Sydnor, EPA, certifying that the Baltimore Gas & Electric Company's C. P. Crane Generating Station is the sole facility to which COMAR 10.18.04.04D(4) and 10.18.05.04D(4) would apply.

(48) A revision submitted by the State of Maryland on 9/10/80 consisting of a variance issued to the General Refractories Company of Baltimore, Maryland exempting the Company from the "No Visible Emissions" requirements of COMAR 10.18.04.02A

for a period of three (3) years commencing 9/2/80.

(49) A revision submitted by the State of Maryland on November 3, 1980 consisting of a Consent Agreement (Order) between the State of Maryland and the Maryland Slag Company decreasing the particulate matter emission limitation for the Company.

(50) A revision submitted by the State of Maryland on October 24, 1979 consisting of amendments to the following regulations:

COMAR 10.18.01 as recodified in 40 CFR 52.1070(c)(45), 10.18.02 as recodified in 40 CFR 52.1070(c)(45), 10.18.03 as recodified in 40 CFR 52.1070(c)(45), 10.18.04 as recodified in 40 CFR 52.1070(c)(45), 10.18.05 as recodified in 40 CFR 52.1070(c)(45), 10.18.06 as recodified in 40 CFR 52.1070(c)(45), 10.18.07 as recodified in 40 CFR 52.1070(c)(45).

(51) A revision submitted by the State of Maryland on May 22, 1980, consisting of changes in definitions in sections 10.18.01.01 and revoking of obsolete regulations, COMAR 10.03.38.04 B(4) and 10.03.39.04 B(4).

(52) A revision submitted by the State of Maryland on April 24, 1974, consisting of changes in COMAR 10.03.35.06 A(1) and 10.03.35.06 A(3).

(53) A revision submitted by the State of Maryland on December 10, 1979, consisting of changes in Sections .01 and .11 of COMAR 10.18.01, and in Sections .05 and .07 of COMAR 10.18.02, 10.18.03, 10.18.04, 10.18.05, 10.18.06 and 10.18.07.

(54) A revision submitted by the State of Maryland on October 17, 1980, consisting of an exception to COMAR 10.18.06.02B for the Maryland Cup Corporation.

(55) A revision submitted by the State of Maryland on August 7, 1981 consisting of an exception to COMAR 10.18.09.07A(2)(c) for the Reading-Whitehall Paperboard Company.

(56) A Secretarial Order submitted by the State of Maryland on June 23, 1981 consisting of a variance issued to the Potomac Electric Power Company at Dickerson, Maryland exempting the company from the "no visible emissions" requirements of COMAR 10.18.09.05A(2) until five years from the date of approval by EPA.

(57) A Secretarial Order submitted by the State of Maryland on July 17, 1981 consisting of a various issued to the American Cyanamid Company, Havre de Grace, Maryland from the "no visible emissions" requirement of COMAR 10.18.06.02B until July 8, 1986.

(58) Amendments to COMAR 10.18.01, 10.18.06, 10.18.08, 10.18.09, 10.18.11, 10.18.12, 10.18.13, 10.18.14, 10.18.21, and Technical Memorandum TM-116 (amended November 1980) as submitted by the Governor on May 18, 1981.

(59) Addition of Maryland Regulation 10.18.06.14 (Control of PSD sources) which incorporates by reference the federal prevention of significant deterioration (PSD) requirements set forth in 40 CFR 52.21; submitted on June 24, 1981 by the Governor.

(60) A State Implementation Plan for the control of lead (Pb) emissions submitted on October 23, 1980 by the Governor.

(61) A letter containing supplemental clarifying information with respect to the State's control strategy demonstration; submitted on July 27, 1981 by the Maryland Air Management Administration.

(62) A revised Secretarial Order controlling lead emissions from the Mobay Chemical Corporation's frit manufacturing plant in Baltimore, Maryland; submitted December 16, 1981 by the Maryland Air Management Administration.

(63) A revision submitted by the State of Maryland on October 8, 1981 detailing a plan for satisfying requirements of sections 121 and 127 of the Clean Air Act Amendments of 1977.

(64) A revision submitted by the State of Maryland on November 18, 1981, consisting of a Modified Amended Consent Order for Potomac Electric Power Company's Chalk Point generating station.

(65)-(66) [Reserved]

(67) Code of Maryland Air Regulations (COMAR) 10.18.10 (Control of Iron and Steel Production Installations); Technical Memorandum AMA-TM 81-04: Amendment to AMA-TM 73-116; Amendments to COMAR 10.18.01.01 (General Administrative Regulations—Definitions) and COMAR 10.18.06.02 (General Emission Standards, Prohibitions and Restric-

tion); and a New Amended Plan for Compliance for the Bethlehem Steel Corporation's Sparrows Point, Maryland Plant; submitted on August 11, 1981 by the Governor.

(42 U.S.C. 7401-7642)

[37 FR 10870, May 31, 1972]

Editorial Note: For Federal Register citations to § 52.1070, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Effective Date Note: In § 52.1070, paragraph (c)(64) was added at 47 FR 19995, May 10, 1982, effective July 9, 1982, and paragraph (c)(67) was added at 47 FR 26382, June 18, 1982, effective July 19, 1982.

§ 52.1071 Classification of regions.

The Maryland plans were evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Cumberland-Keyser Interstate	I	I	III	III	III
Central Maryland Intrastate	II	II	III	III	III
Metropolitan Baltimore Intrastate	I	I	I	I	I
National Capital Interstate	I	I	III	I	I
Southern Maryland Intrastate	III	III	III	III	III
Eastern Shore Intrastate	II	III	III	III	III

(42 U.S.C. 7401-7642)

[37 FR 10870, May 31, 1972, as amended at 39 FR 16346, May 8, 1974; 45 FR 53475, Aug. 12, 1980]

§ 52.1072 Extensions.

(a) The Administrator hereby extends for 18 months the statutory timetable for submission of Maryland's plan for attainment and maintenance of the secondary standards for sulfur oxides in the Metropolitan Baltimore Intrastate Region.

(b) The Administrator hereby extends for two years the attainment dates for the national standards for carbon monoxide and photochemical oxidants in the Maryland portion of the National Capital Interstate Region and in the Metropolitan Baltimore Intrastate Region.

(c) The Administrator hereby extends until December 31, 1987 the attainment date for the national standard for O_3 in the Metropolitan Baltimore and the Maryland portion of the National capital nonattainment areas.

(d) The Administrator hereby extends the attainment date for the national standard for CO in the Metropolitan Baltimore and the Maryland portion of the National Capital nonattainment areas to January 1, 1984.

(e) The Administrator hereby extends for 18 months (until July 1, 1980) the statutory timetable for submission of Maryland's plan for the attainment and maintenance of the secondary standards for particulate matter in the Baltimore nonattainment area.

(42 U.S.C. 7401-7642)

[37 FR 10870, May 31, 1972, as amended at 38 FR 34247, Dec. 12, 1973; 45 FR 53475, Aug. 12, 1980]

§ 52.1073 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves Maryland's plans for the attainment and maintenance of the national standards.

(b) With respect to the strategies submitted on April 16, May 5, June 15, June 22, June 28, July 9, 1973 and July 1, 1975, the Administrator approves the measures for the National Capital region for dry cleaning solvent use, and gasoline vapor recovery with the exceptions set forth in §§ 52.1074, 52.1077, 52.1080, 52.1082, and 52.1086.

(c) With respect to the strategies submitted on April 16, June 15, June 28, and July 9, 1973 and July 1, 1975, the Administrator approves the measures for the Metropolitan Baltimore Intrastate Region for dry cleaning solvent use and gasoline vapor recovery with the exceptions set forth in §§ 52.1074, 52.1077, 52.1080, 52.1082, and 52.1101.

(d) With the exceptions set forth in this subpart, the Administrator approves the amendment to Regulation 10.18.01 Sections .01, .07, and .11, Regulation 10.18.04 and 10.18.05 Section .03D, .03F, .03H, .06I of Maryland's plan for the attainment and maintenance of the national standards under Section 110 of the Clean Air Act. Furthermore, the Administrator finds that portions of the plan, as submitted January 19, 1979, satisfy the requirements of Part D, Title 1, of the Clean Air Act as amended in 1977.

In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January, 1978 and January, 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(42 U.S.C. 7401-7642)

[38 FR 33716, Dec. 6, 1973, as amended at 45 FR 53475, Aug. 12, 1980; 47 FR 20128, May 11, 1982]

§ 52.1074 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met, since section 698(f) of the Maryland Air Quality Control Act could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, section 698(f) is disapproved.

(42 U.S.C. 7401-7462)

[39 FR 34536, Sept. 26, 1974, and 47 FR 20128, May 11, 1982]

§ 52.1075 Conditional approvals.

(a) Conditional approval of amendments to Sections .02 and .03 of Maryland Regulations 10.18.04 and 10.18.05 as submitted January 19, 1979 by the Governor. Maryland is to submit an approval Plan for Compliance for applicable steel facilities, and, if necessary, revise the iron and steel regulations by August 11, 1981.

(42 U.S.C. 7401-7462)

[46 FR 45341, Sept. 11, 1981, as amended at 47 FR 20128, May 11, 1982]

Effective Date Note: At 47 FR 26382, June 18, 1982, § 52.1075 was removed, effective July 19, 1982.

§ 52.1076 [Reserved]

§ 52.1077 Source surveillance.

(a) The requirements of § 51.19(b) of this chapter are not met since the plans do not provide specific procedures for stationary sources to be periodically tested.

(Secs. 110, 301(a), 313, 319, Clean Air Act (42 U.S.C. 7401-7462, 7410, 7601(a), 7613, 7619))

[37 FR 10870, May 31, 1972, as amended at 47 FR 20128, May 11, 1982]

§ 52.1078 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Maryland's plans, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone (hydrocarbons)
	Primary	Secondary	Primary	Secondary			
Cumberland-Keyser Interstate	a	a	a	a	d	d	d
(a) Election District No. Blake, Md	d	d	a	a	d	d	d
(b) City of Cumberland	a	a	a	a	d	e	d
(c) City of Hagerstown	a	a	a	a	d	e	d
(d) Washington County	a	a	a	a	d	d	e
(e) Remainder of AQCR	a	a	a	a	d	d	d
Central Maryland Interstate	a	a	c	a	d	d	d
Metropolitan Baltimore Intrastate			a	d	a	f	g
(a) Portions as defined in 40 CFR 81.321	e	b	a	d	a	f	g
(b) Remainder of AQCR	a	a	a	b	a	5/31/77	5/31/77

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone (hydrocarbons)
	Primary	Secondary	Primary	Secondary			
National Capital Interstate	*a*	*a*	*a*	*a*	d	f	g
Southern Maryland Intrastate	d	d	d	d	d	d	d
Eastern Shore Intrastate	c	*a*	d	d	d	d	d

NOTE: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

a. July 1975.
b. 18-month extension granted.
c. Air quality levels presently below primary standards.
d. Air quality levels presently below secondary standards or area is unclassified.
e. December 31, 1982.
f. January 1, 1984.
g. December 31, 1987.

(42 U.S.C. 7401-7642)

[37 FR 10871, May 31, 1972, as amended at 38 FR 12702, May 14, 1973; 38 FR 33717, Dec. 6, 1973; 38 FR 34248, Dec. 12, 1973; 39 FR 16346, May 8, 1974; 39 FR 22947, June 25, 1974; 45 FR 53475, Aug. 12, 1980]

§ 52.1079 [Reserved]

§ 52.1080 Compliance schedules.

(a) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(42 U.S.C. 7401-7462)

[38 FR 16145, June 20, 1973]

EDITORIAL NOTE: For Federal Register citations to § 52.1080, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1081 [Reserved]

§ 52.1082 Rules and regulations.

(a) The requirements of § 51.22 of this chapter are not met for the National Capital Interstate Region because regulations necessary to implement proposed stationary control measures for gas handling and dry cleaning losses have not been adopted. Substitute regulations are promulgated in §§ 52.1086, 52.1087, and 52.1088.

(b) The requirements of § 51.22 of this chapter are not met for the Metropolitan Baltimore Region because adopted regulations to control gas handling and dry cleaning emissions, measures referred to in § 52.1073(d) were not submitted in time prior to this promulgation. Substitute regulations for gas handling and dry cleaning emissions are promulgated in §§ 52.1101, 52.1102, and 52.1107.

(42 U.S.C. 7401)

[38 FR 33718, Dec. 6, 1973, as amended at 44 FR 14557, Mar. 13, 1979]

§§ 52.1083—52.1085 [Reserved]

§ 52.1086 Gasoline transfer vapor control.

(a) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater.

(b) This section is applicable in the Maryland portion of the National Capital Interstate AQCR.

(c) No person shall transfer gasoline from any delivery vessel into any stationary storage container with a capacity greater than 250 gallons unless the displaced vapors from the storage container are processed by a system that prevents release to the atmosphere of no less than 90 percent by weight of organic compounds in said vapors displaced from the stationary container location.

(1) The vapor recovery portion of the system shall include one or more of the following:

(i) A vapor-tight return line from the storage container to the delivery vessel and a system that will ensure that the vapor return line is connected before gasoline can be transferred into the container.

(ii) Refrigeration-condensation system or equivalent designed to recover no less than 90 percent by weight of the organic compounds in the displaced vapor.

(2) If a "vapor-tight vapor return" system is used to meet the requirements of this section, the system shall be so constructed as to be readily adapted to retrofit with an adsorption system, refrigeration-condensation system, or equivalent vapor removal system, and so constructed as to anticipate compliance with § 52.1087 of this chapter.

(3) The vapor-laden delivery vessel shall be subject to the following conditions:

(i) The delivery vessel must be so designed and maintained as to be vapor-tight at all times.

(ii) The vapor-laden delivery vessel may be refilled only at facilities equipped with a vapor recovery system or the equivalent, which can recover at least 90 percent by weight of the organic compounds in the vapors displaced from the delivery vessel during refilling.

(iii) Gasoline storage compartments of 1,000 gallons or less in gasoline delivery vehicles presently in use on the promulgation date of this regulation will not be required to be retrofitted with a vapor return system until January 1, 1977.

(iv) Facilities which have a daily throughput of 20,000 gallons of gasoline or less are required to have a vapor recovery system in operation no later than May 31, 1977. Delivery vessels and storage containers served exclusively by facilities required to have a vapor recovery system in operation no later than May 31, 1977, also are required to meet the provisions of this section no later than May 31, 1977.

(d) The provisions of paragraph (c) of this section shall not apply to the following:

(1) Stationary containers having a capacity less than 550 gallons used exclusively for the fueling of implements of husbandry.

(2) Any container having a capacity less than 2,000 gallons installed prior to promulgation of this section.

(3) Transfers made to storage tanks equipped with floating roofs or their equivalent.

(4) Any stationary container at any facility where the monthly average throughput (1/12 of the total throughput for the preceding twelve months) exceeds 20,000 gallons per month and which is subject to Maryland regulation 10.03.39.04J(2)(e) (1) and (2).

(e) Every owner or operator of a stationary storage container or delivery vessel subject to this section shall comply with the following compliance schedule:

(1) June 1, 1974—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the provisions of paragraph (c) of this section.

(2) March 1, 1975—Negotiate and sign all necessary contracts for emission control systems, or issue orders for the purchase of component parts to accomplish emission control.

(3) May 1, 1975—Initiate on-site construction or installation of emission control equipment.

(4) February 1, 1976—Complete on-site construction or installation of emission control equipment.

(5) May 31, 1977. Assure final compliance with the provisions of paragraph (c) of this section.

(6) Any owner or operator of sources subject to the compliance schedule in this paragraph shall certify to the Administrator, within 5 days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(f) Paragraph (e) of this section shall not apply:

(1) To a source which is presently in compliance with the provisions of paragraph (c) of this section and which has certified such compliance to the Administrator by June 1, 1974. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator submits to the Administrator, by June 1, 1974, a proposed alternative schedule. No such schedule may provide for compliance after March 1, 1976. Any such schedule shall provide for certification to the Administrator,

within 5 days after the deadline for each increment therein, as to whether or not that increment has been met. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(g) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (e) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(h) Any gasoline dispensing facility subject to this section which installs a storage tank after the effective date of this section shall comply with the requirements of paragraph (c) of this section by May 31, 1977, and prior to that date shall comply with paragraph (e) of this section as far as possible. Any facility subject to this section which installs a storage tank after May 31, 1977, shall comply with the requirements of paragraph (c) of this section at the time of installation.

[38 FR 33719, Dec. 6, 1973]

EDITORIAL NOTE: For Federal Register citations to § 52.1086, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1087 Control of evaporative losses from the filling of vehicular tanks.

(a) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater.

(b) This section is applicable in the Maryland portion of the National Capital Interstate AQCR.

(c) A person shall not transfer gasoline to an automotive fuel tank from a gasoline dispensing system unless the transfer is made through a fill nozzle designed to:

(1) Prevent discharge of hydrocarbon vapors to the atmosphere from either the vehicle filler neck or dispensing nozzle;

(2) Direct vapor displaced from the automotive fuel tank to a system wherein at least 90 percent by weight of the organic compounds in displaced vapors are recovered; and

(3) Prevent automotive fuel tank overfills or spillage on fill nozzle disconnect.

(d) The system referred to in paragraph (c) of this section may consist of a vapor-tight return line from the fill nozzle-filler neck interface to the dispensing tank or to an adsorption, absorption, incineration, refrigeration-condensation system or its equivalent.

(e) Components of the systems required by § 52.1086 may be used for compliance with paragraph (c) of this section.

(f) If it is demonstrated to the satisfaction of the Administrator that it is impractical to comply with the provisions of paragraph (c) of this section as a result of vehicle fill neck configuration, location, or other design features of a class of vehicles, the provisions of this section shall not apply to such vehicles. However, in no case shall such configuration exempt any gasoline dispensing facility from installing and using in the most effective manner a system required by paragraph (c) of this section.

(g) Every owner or operator of a gasoline dispensing system subject to this section shall comply with the following compliance schedule.

(1) January 1, 1975—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the provisions of paragraph (c) of this section.

(2) March 1, 1975—Negotiate and sign all necessary contracts for emission control systems, or issue orders for the purchase of component parts to accomplish emission control.

(3) May 1, 1975—Initiate on-site construction or installation of emission control equipment.

(4) May 1, 1977—Complete on-site construction installation of emission control equipment or process modification.

(5) May 31, 1977—Assure final compliance with the provisions of paragraph (c) of this section.

(6) Any owner or operator of sources subject to the compliance schedule in this paragraph shall certify to the Administrator, within 5 days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(h) Paragraph (g) of this section shall not apply:

(1) To a source which is presently in compliance with the provisions of paragraph (c) of this section and which has certified such compliance to the Administrator by January 1, 1975. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator submits to the Administrator, by June 1, 1974, a proposed alternative schedule. No such schedule may provide for compliance after May 31, 1977. Any such schedule shall provide for certification to the Administrator, within 5 days after the deadline for each increment therein, as to whether or not that increment has been met. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(i) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (g) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(j) Any gasoline dispensing facility subject to this section which installs a gasoline dispensing system after the effective date of this section shall comply with the requirements of paragraph (c) of this section by May 31, 1977, and prior to that date shall comply with paragraph (g) of this section as far as possible. Any facility subject to this section which installs a gasoline dispensing system after May 31, 1977, shall comply with the requirements of paragraph (c) of this section at the time of installation.

[38 FR 33719, Dec. 6, 1973, as amended at 39 FR 4881, Feb. 8, 1974; 39 FR 21053, June 18, 1974]

NOTE: The compliance dates given in paragraphs (g)(1) through (3) of § 52.1087 were deferred indefinitely at 40 FR 1127, Jan. 6, 1975.

§ 52.1088 Control of dry cleaning solvent evaporation.

(a) Definitions:

(1) "Dry cleaning operation" means that process by which an organic solvent is used in the commercial cleaning of garments and other fabric materials.

(2) "Organic solvents" means organic materials, including diluents and thinners, which are liquids at standard conditions and which are used as dissolvers, viscosity reducers, or cleaning agents.

(3) "Photochemically reactive solvent" means any solvent with an aggregate of more than 20 percent of its total volume composed of the chemical compounds classified below or which exceeds any of the following individual percentage composition limitations, as applied to the total volume of solvent.

(i) A combination of hydrocarbons, alcohols, aldehydes, esters, ethers, or ketones having an olefinic or cyclo-olefinic type of unsaturation: 5 percent;

(ii) A combination of aromatic compounds with 8 or more carbon atoms to the molecule except ethylbenyenl: 8 percent;

(iii) A combination of ethylbenyene or ketones having branched hydrocarbon structures, trichloroethylene or toluene: 20 percent.

(b) This section is applicable to all sources located in the Maryland portion of the National Capital Interstate Air Quality Control Region and which are not subject to the provisions of Maryland Regulation 10.03.39 .04J(3)d.

(c) No person shall operate a dry cleaning operation using other than perchloroethylene, 1,1,1-trichloroethane, or saturated halogenated hydrocarbons unless the uncontrolled organic emissions from such operation are reduced at least 85 percent: *Provided, That* dry cleaning operations emitting less than 8 pounds per hour and less than 40 pounds per day of uncontrolled organic materials are exempt from the requirement of this section.

(d) If incineration is used as a control technique, 90 percent or more of the carbon in the organic emissions being incinerated must be oxidized to carbon dioxide.

(e) Any owner or operator of a source subject to this section shall achieve compliance with the requirements of paragraph (c) of this section by discontinuing the use of photochemically reactive solvents no later than January 31, 1974, or by controlling emissions as required by paragraphs (c) and (d) of this section no later than May 31, 1975.

(42 U.S.C. 7401)

[38 FR 33720, Dec. 6, 1973, as amended at 44 FR 14557, Mar. 13, 1979]

§§ 52.1089—52.1100 [Reserved]

§ 52.1101 Gasoline transfer vapor control.

(a) Definitions:

(1) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater.

(b) This section is applicable in the Metropolitan Baltimore Intrastate AQCR.

(c) No person shall transfer gasoline from any delivery vessel into any stationary storage container with a capacity greater than 250 gallons unless the displaced vapors from the storage container are processed by a system that prevents release to the atmosphere of no less than 90 percent by weight of organic compounds in said vapors displaced from the stationary container location.

(1) The vapor recovery portion of the system shall include one or more of the following:

(i) A vapor-tight return line from the storage container to the delivery vessel and a system that will ensure that the vapor return line is connected before gasoline can be transferred into the container.

(ii) Refrigeration-condensation system or equivalent designed to recover no less than 90 percent by weight of the organic compounds in the displaced vapor.

(2) If a "vapor-tight vapor return" system is used to meet the requirements of this section, the system shall be so constructed as to be readily adapted to retrofit with an adsorption system, refrigeration-condensation system, or equivalent vapor removal system, and so constructed as to anticipate compliance with § 52.1102.

(3) The vapor-laden delivery vessel shall be subject to the following conditions:

(i) The delivery vessel must be so designed and maintained as to be vapor-tight at all times.

(ii) The vapor-laden delivery vessel may be refilled only at facilities equipped with a vapor recovery system or the equivalent, which can recover at least 90 percent by weight of the organic compounds in the vapors displaced from the delivery vessel during refilling.

(iii) Gasoline storage compartments of 1,000 gallons or less in gasoline delivery vehicles presently in use on the promulgation date of this regulation will not be required to be retrofitted with a vapor return system until January 1, 1977.

(iv) Facilities which have a daily throughput of 20,000 gallons of gasoline or less are required to have a vapor recovery system in operation no later than May 31, 1977. Delivery vessels and storage containers served exclusively by facilities required to have a vapor recovery system in operation no later than May 31, 1977, also are required to meet the provisions of this section no later than May 31, 1977.

(d) The provisions of paragraph (c) of this section shall not apply to the following:

(1) Stationary containers having a capacity less than 550 gallons used exclusively for the fueling of implements of husbandry.

(2) Any container having a capacity less than 2,000 gallons installed prior to promulgation of this section.

(3) Transfers made to storage tanks equipped with floating roofs or their equivalent.

(4) Any stationary container at any facility where the monthly average throughput ($\frac{1}{12}$ of the total throughput for the preceding twelve months) exceeds 20,000 gallons per month and which is subject to Maryland regulation 10.03.38.04J(2)(e) (1) and (2).

(e) Every owner or operator of a stationary storage container or delivery vessel subject to this section shall comply with the following compliance schedule:

(1) *June 1, 1974.* Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the provisions of paragraph (c) of this section.

(2) *March 1, 1975.* Negotiate and sign all necessary contracts for emission control systems, or issue orders for the purchase of component parts to accomplish emission control.

(3) *May 1, 1975.* Initiate on-site construction or installation of emission control equipment.

(4) *February 1, 1976.* Complete on-site construction or installation of emission control equipment.

(5) *May 31, 1977.* Assure final compliance with the provisions of paragraph (c) of this section.

(6) Any owner or operator of sources subject to the compliance schedule in this paragraph shall certify to the Administrator, within 5 days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(f) Paragraph (e) of this section shall not apply:

(1) To a source which is presently in compliance with the provisions of paragraph (c) of this section and which has certified such compliance to the Administrator by June 1, 1974. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator submits to the Administrator, by June 1, 1974, a proposed alternative schedule. No such schedule may provide for compliance after March 1, 1976. Any such schedule shall provide for certification to the Administrator within 5 days after the deadline for each increment therein, as to whether or not that increment has been met. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(g) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (e) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(h) Any gasoline dispensing facility subject to this section which installs a storage tank after the effective date of this section shall comply with the requirements of paragraph (c) of this section by May 31, 1977, and prior to that date shall comply with paragraph (e) of this section as far as possible. Any facility subject to this section which installs a storage tank after May 31, 1977, shall comply with the requirements of paragraph (c) of this section at the time of installation.

[38 FR 34252, Dec. 12, 1973]

EDITORIAL NOTE: For Federal Register citations to § 52.1101, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1102 Control of evaporative losses from the filling of vehicular tanks.

(a) Definitions:

(1) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater.

(b) This section is applicable in the Metropolitan Baltimore Intrastate AQCR.

(c) A person shall not transfer gasoline to an automotive fuel tank from a gasoline dispensing system unless the transfer is made through a fill nozzle designed to:

(1) Prevent discharge of hydrocarbon vapors to the atmosphere from either the vehicle filler neck or dispensing nozzle;

(2) Direct vapor displaced from the automotive fuel tank to a system wherein at least 90 percent by weight of the organic compounds in displaced vapors are recovered; and

(3) Prevent automotive fuel tank overfills or spillage on fill nozzle disconnect.

(d) The system referred to in paragraph (c) of this section can consist of a vapor-tight return line from the fill nozzle-filler neck interface to the dispensing tank or to an adsorption, absorption, incineration, refrigeration-condensation system or its equivalent.

(e) Components of the systems required by § 52.1101(c) can be used for compliance with paragraph (c) of this section.

(f) If it is demonstrated to the satisfaction of the Administrator that it is impractical to comply with the provisions of paragraph (c) of this section as a result of vehicle fill neck configuration, location, or other design features of a class of vehicles, the provisions of this section shall not apply to such vehicles. However, in no case shall such configuration exempt any gasoline dispensing facility from installing and using in the most effective manner a system required by paragraph (c) of this section.

(g) Every owner or operator of a gasoline dispensing system subject to this section shall comply with the following compliance schedule.

(1) *January 1, 1975.* Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with provisions of paragraph (c) of this section.

(2) *March 1, 1975.* Negotiate and sign all necessary contracts for emission control systems, or issue orders for the purchase of component parts to accomplish emission control.

(3) *May 1, 1975.* Initiate on-site construction or installation of emission control equipment.

(4) *May 1, 1977.* Complete on-site construction or installation of emission control equipment or process modification.

(5) *May 31, 1977.* Assure final compliance with the provisions of paragraph (c) of this section.

(6) Any owner or operator of sources subject to the compliance schedule in this paragraph shall certify to the Administrator, within 5 days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(h) Paragraph (g) of this section shall not apply:

(1) To a source which is presently in compliance with the provisions of paragraph (c) of this section and which has certified such compliance to the Administrator by January 1, 1975. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator submits to the Administrator by June 1, 1974, a proposed alternative schedule. No such schedule may provide for compliance after May 31, 1977. Any such schedule shall provide for certification to the Administrator within 5 days after the deadline for each increment therein, as to whether or not that increment has been met. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(i) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (g) of this section fails to satisfy the requirements of § 51.15(b) and (c) of this chapter.

(j) Any gasoline dispensing facility subject to this section which installs a gasoline dispensing system after the effective date of this section shall comply with the requirements of paragraph (c) of this section by May 31, 1977 and prior to that date shall comply with paragraph (g) of this section as far as possible. Any facility subject to this section which installs a gasoline dispensing system after May 31, 1977, shall comply with the requirements of paragraph (c) of this section at the time of installation.

[38 FR 34253, Dec. 12, 1973, as amended at 39 FR 4881, Feb. 8, 1974; 39 FR 21053, June 18, 1974]

NOTE: The compliance dates given in paragraphs (g)(1) through (3) of § 52.1102 were suspended indefinitely at 40 FR 1127, Jan. 6, 1975.

§§ 52.1103—52.1106 [Reserved]

§ 52.1107 Control of dry cleaning solvent evaporation.

(a) Definitions:

(1) "Dry cleaning operation" means that process by which an organic solvent is used in the commercial cleaning of garments and other fabric materials.

(2) "Organic solvents" means organic materials, including diluents and thinners, which are liquids at standard conditions and which are used as dissolvers, viscosity reducers, or cleaning agents.

(3) "Photochemically reactive solvent" means any solvent with an aggregate of more than 20 percent of its total volume composed of the chemical compounds classified below or which exceeds any of the following individual percentage composition limitations, as applied to the total volume of solvent.

(i) A combination of hydrocarbons, alcohols, aldehydes, esters, ethers, or ketones having an olefinic or cycloolefinic type of unsaturation; 5 percent;

(ii) A combination of aromatic compounds with 8 or more carbon atoms to the molecule except ethylbenzene: 8 percent;

(iii) A combination of ethylbenzene or ketones having branched hydrocarbon structures, trichloroethylene or toluene: 20 percent.

(b) This section is applicable to all sources located in the Metropolitan Baltimore Intrastate Air Quality Control Region and which are not subject to the provisions of Maryland Regulations 10.03.38 .04J(3)d.

(c) No person shall operate a dry cleaning operation using other than perchloroethylene, 1,1,1-trichloroethane, or saturated halogenated hydrocarbons unless the uncontrolled organic emissions from such operation are reduced at least 85 percent: *Provided*, That dry cleaning operations emitting less than 8 pounds per hour and less than 40 pounds per day of uncontrolled organic materials are exempt from the requirement of this section.

(d) If incineration is used as a control technique, 90 percent or more of the carbon in the organic emissions being incinerated must be oxidized to carbon dioxide.

(e) Any owner or operator of a source subject to this section shall achieve compliance with the requirements of paragraph (c) of this section by discontinuing the use of photochemically reactive solvents no later than May 31, 1974, or by controlling emissions as required by paragraphs (c) and (d) of this section by May 31, 1974.

(42 U.S.C. 7401)

[38 FR 34255, Dec. 12, 1973, as amended at 44 FR 14557, Mar. 13, 1979]

§§ 52.1108—52.1112 [Reserved]

§ 52.1113 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met, since sections 10.03.35.11I and 10.03.35.10A of the Maryland Regulations governing the control of Air Pollution could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, regulations 10.03.35.11I and 10.03.35.10A are disapproved.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Re-

gional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[39 FR 34536, Sept. 26, 1974, as amended at 40 FR 55329, Nov. 28, 1975]

§ 52.1114 [Reserved]

§ 52.1115 Maintenance of national standards.

(a) The requirements of § 51.12(e) of this chapter are not met since the State neither identified areas of the State that have the potential for violation of air quality standards within 10 years nor provided a justification that there are no such areas in the State.

(b) The areas listed below are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Baltimore Air Quality Maintenance Area:

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of area:

Anne Arundel County, Baltimore County, Carroll County, Harford County, Howard County, Baltimore City.

(2) National Capital Interstate Air Quality Maintenance Area (Maryland Portion).

(i) Pollutants for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

Montgomery County, Prince Georges County.

(3) Potomac River Basin Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Allegany County, Garrett County, In Washington County, Hagerstown City.

[40 FR 41950, Sept. 9, 1975]

§ 52.1116 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) The following provisions of 40 CFR 52.21 are hereby incorporated and made a part of the applicable State plan for the State of Maryland.

(1) Definition of Federally Enforceable (40 CFR 52.21(b)(17)),

(2) Exclusions from increment consumption (40 CFR 52.21(f)(1)(v), (3), (4)(i)),

(3) Redesignation of areas (40 CFR 52.21(g) (1), (2), (3), (4), (5), and (6)),

(4) Approval of alternate models (40 CFR 52.21(1)(2)),

(5) Disputed permits or redesignation (40 CFR 52.21(t), and

(6) Delegation of Authority (40 CFR 52.21(u)(1), (2)(ii), (3), and (4)).

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401—7642; sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[45 FR 52741, Aug. 7, 1980, and 47 FR 7835, Feb. 23, 1982]

§ 52.1117 **Control strategy: Sulfur oxides.**

(a) [Reserved]

(b) The requirements of § 51.13(e)(1) of this chapter are not met because the State did not submit an adequate control strategy demonstration to show that the Maryland Regulation 10.03.36.04B (1) and (2) would not interfere with the attainment and maintenance of the national sulfur dioxide standards.

[40 FR 56889, Dec. 5, 1975, as amended at 41 FR 8770, Mar. 1, 1976; 41 FR 54747, Dec. 15, 1976]

Subpart W—Massachusetts

§ 52.1120 **Identification of plan.**

(a) Title of plan: "Plan for Implementation, Maintenance, and Enforcement of National Primary and Secondary Ambient Air Quality Standards."

(b) The plan was officially submitted on January 27, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Emergency episode regulations submitted on February 22, 1972, by the Bureau of Air Quality Control, Massachusetts Department of Public Health.

(2) Miscellaneous non-regulatory changes to the plan, wording changes in regulations 2.5 and 2.1 and clarification of Regulations 2.5.1 through 2.5.4 submitted on April 27, 1972, by the Division of Environmental Health, Massachusetts Department of Public Health.

(3) Miscellaneous non-regulatory additions to the plan submitted on May 5, 1972, by the Bureau of Air Quality Control, Massachusetts Department of Public Health.

(4) Miscellaneous changes affecting regulations 2.1, 2.5, 4.2, 4.5.1, 5.6.1, 6.1.2, 6.3.1, 8.1.6, 9.1, 15.1, 51.2, 52.1 and 52.2 of the regulations for all six Air Pollution Control Districts submitted on August 28, 1972 by the Governor.

(5) Letter of concurrence on AQMA identifications submitted on July 23, 1974, by the Governor.

(6) Revision to Regulation No. 5, increasing allowable sulfur content of fuels in the Boston Air Pollution Control District submitted on July 11, 1975, by the Secretary of Environmental Affairs, and on April 1, 1977 and April 20, 1978 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(7) Revision to Regulation 50—Variances, Regulations for Control of Air Pollution in the six Massachusetts Air Pollution Control Districts, submitted by letter dated November 14, 1974, by the Governor.

(8) Regulation 5.1, Sulfur Content of Fuels and Control Thereof, for the Merrimack Valley Air Pollution Control District submitted on January 28, 1976 by the Secretary of Environmental Affairs and on August 22, 1977 by the Commissioner of the Department of Environmental Quality Engineering, and additional technical information pertinent to the Haverhill Paperboard Corp., Haverhill, Mass., submitted on December 30, 1976 by the Secretary of Environmental Affairs.

(9) Regulation 5.1, Sulfur Content of Fuels and Control Thereof, for the Pioneer Valley Air Pollution Control District submitted on July 22, 1976 by the Secretary of Environmental Affairs and on August 22, 1977 by the Commissioner of the Department of Environmental Quality Engineering, and additional technical information pertinent to Deerfield Specialty Papers, Inc., Monroe, Mass., submitted on December 27, 1977 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(10) Regulation 5.1, Sulfur Content of Fuels and Control Thereof, for the Central Massachusetts Air Pollution Control District submitted on June 25, 1976 by the Secretary of Environmental Affairs and on August 22, 1977 by the Commissioner of the Department of Environmental Quality Engineering.

(11) Regulation 5.1, Sulfur Content of Fuels and Control Thereof, for the Central Massachusetts Air Pollution Control District (revised and adopted by the Massachusetts Department of Environmental Quality Engineering on March 29, 1976, with specific provisions for the City of Fitchburg) submitted on June 25, 1976, by the Secretary of Environmental Affairs.

(12) A revision to Regulation 5.1, Sulfur Content of Fuels and Control Thereof, for the Southeastern Massachusetts Air Pollution Control District, submitted on December 30, 1976 by the Secretary of Environmental Affairs and on January 31, 1978 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(13) A revision to Regulation 5.1, Sulfur Content of Fuels and Control Thereof, for the Berkshire Air Pollution Control District, submitted by the Commissioner of the Massachusetts Department of Environmental Quality Engineering on April 14, 1977, and additional technical information submitted on August 11, 1978, pertaining to the Schweitzer Division, Kimberly-Clark Corporation, Columbia Mill, Lee, and on August 31, 1978, pertaining to Crane and Company, Inc., Dalton.

(14) Revisions to "Regulations for the Prevention and/or Abatement of Air Pollution Episode and Air Pollution Incident Emergencies," submitted on September 15, 1976 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(15) A revision to Regulation 2.5, Compliance with Emission Limitations, and to Regulation 16, Reduction of Single Passenger Commuter Vehicle Use, for the Pioneer Valley Air Pollution Control District, submitted on May 20, 1977, by the Acting Commissioner of the Executive Office of Environmental Affairs, Department of Environmental Quality Engineering.

(16) Revision to regulation 7 and regulation 9, submitted on December 9, 1977, by the Commissioner of the Massachusetts Department of Environmental Quality and Engineering.

(17) Revision to Regulations 310 CMR 7.05, Sulfur-in-Fuel, and 310 CMR 7.06, Visible Emissions, allowing burning of a coal-oil slurry at New England Power Company, Salem Harbor Station, Massachusetts, submitted on July 5, 1978 by the Commissioner, Massachusetts Department of Environmental Quality Engineering and an extension to 310 CMR 7.06, *Visible Emissions*, submitted on December 28, 1979.

(18) Revision to Regulation 7.02(11) (formerly Regulation 2.5.3)—Emission Limitation to Incinerators, submitted February 1, 1978 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(19) The addition of Regulation 7.17, for the Southeastern Massachusetts Air Pollution Control District, Coal Conversion—Brayton Point Station, New England Power Company, submitted by the Commissioner of the Massachusetts Department of Environmental Quality Engineering on September 7, 1978. Compliance with this revision shall be determined by methods consistent with New Source Performance Standards, proposed Test Method 19, as stated in a letter dated February 8, 1979 from Kenneth Hagg of the Massachusetts Department of Environmental Quality Engineering to Frank Ciavattieri of the Environmental Protection Agency.

(20) A revision permanently extending Regulation 310 CMR 7.05(1) (formerly Regulation 5.1) "Sulfur Content of Fuels and Control Thereof" and a revision for the Metropolitan Boston APCD, and Merrimack Valley APCD submitted on December 28, 1978, by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(21) A revision permanently extending Regulation 310 CMR 7.05(1) (formerly Regulation 5.1), "Sulfur Content of Fuels and Control Thereof" and a revision to Regulation 310 CMR 7.05(4) "Ash Content of Fuels" for the Pioneer Valley Air Pollution Control District, submitted on January 3, 1979 by the Acting Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(22) A revision permanently extending Regulation 310 CMR 7.05(1) (formerly Regulation 5.1), "Sulfur Content of Fuels and Control Thereof" for the Southeastern Massachusetts APCD, submitted on January 31, 1979 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(23) A revision to Regulation 310 CMR 7.05(4) "Ash Content of Fuels" for the Metropolitan Boston Air Pollution Control District, submitted on July 20, 1978 by the Commissioner of

the Massachusetts Department of Environmental Quality Engineering.

(24) A revision permanently extending Regulation 310 CMR 7.05(1) (formerly Regulation 5.1) "Sulfur Content of Fuels and Control Thereof" for the Central Massachusetts APCD, submitted on March 2, 1979 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering, and a revision removing the seasonal restriction in Fitchburg for Fitchburg Paper Company (55 meter stacks only) and James River-Massachusetts submitted on September 28, 1979 by the Commissioner.

(25) On March 30, 1979 and on April 23, 1979 the Commissioner of the Massachusetts Department of Environmental Quality Engineering submitted the non-attainment area plan for Total Suspended Particulates (TSP) in Worcester, miscellaneous statewide regulation changes, and an extension request for the attainment of TSP secondary standards for areas designated non-attainment as of March 3, 1978.

(26) On May 3, 1979, August 7, 1979, and April 17, 1980, the Commissioner of the Massachusetts Department of Environmental Quality Engineering submitted a revision entitled "Massachusetts Implementation Plan, Amended Regulation—All Districts, New Source Review Element," relating to construction and operation of major new or modified sources in non-attainment areas.

(27) Revisions to Regulation 310 CMR 7.07, Open Burning, submitted on September 28, 1979 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(28) Revision to the state ozone standard and adoption of an ambient lead standard was submitted by Thomas F. McLoughlin, Acting Commissioner of the Department of Environmental Quality Engineering on August 21, 1979.

(29) A revision varying the provisions of Regulation 310 CMR 7.04(5), Fuel Oil Viscosity, for Cambridge Electric Light Company's Kendall Station, First Street, Cambridge, and Blackstone Station, Blackstone Street, Cambridge, submitted on December 28, 1978 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(30) Attainment plans to meet the requirements of Part D for carbon monoxide and ozone and other miscellaneous provisions were submitted by the Governor of Massachusetts on December 31, 1978 and on May 16, 1979 by the Acting Commissioner of the Department of Environmental Quality Engineering. Supplemental information was submitted on September 19, November 13 and December 7, 1979; and March 20 and April 7, 1980 by DEQE.

(31) A temporary variance to the Provisions of Regulation 310 CMR 7.05, Sulfur Content of Fuels and Control Thereof, for Seaman Paper Company, Otter River. Submitted on March 20, 1980 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(32) A revision to Regulation 7.05(1) "Sulfur Content of Fuels and Control Thereof" for the Metropolitan Boston APCD submitted on November 27, 1979 by the Commissioner of the Department of Environmental Quality Engineering.

(33) A revision to Regulation 310 CMR 7.05(1) (formerly Regulation 5.1) "Sulfur Content of Fuels and Control Thereof" for the Pioneer Valley Air Pollution Control District submitted by the Commissioner of the Massachusetts Department of Environmental Quality Engineering on March 2, 1979 and May 5, 1981.

(34) A revision to Regulation 7.05(1) "Sulfur Content of Fuels and Control Thereof" for the Metropolitan Boston APCD submitted on April 25, 1980 by the Commissioner of the Department of Environmental Quality Engineering.

(35) On January 5, 1981, the Acting Director of the Division of Air Quality Control, Massachusetts Department of Environmental Quality Engineering submitted a revision entitled "Appendix J Transportation Project Level Guidelines" relating to policy guidance on the preparation of air quality analysis for transportation projects.

(36) A comprehensive air quality monitoring plan, intended to meet requirements of 40 CFR Part 58, was submitted by the Commissioner of the

Department of Environmental Quality Engineering on January 28, 1980.

(37) A revision submitted by the Commissioner of the Massachusetts Department of Environmental Quality Engineering on September 12, 1980 adding a new regulation 310 CMR 7.19 "Interim Sulfur-in-Fuel Limitations for Fossil Fuel Utilization Facilities Pending Conversion to an Alternate Fuel or Implementation of Permanent Energy Conservation Measures."

(38) A variance of Regulation 310 CMR 7.05(1)(d)(2) "Sulfur Control of Fuels and Control Thereof" for the Metropolitan Boston Air Pollution Control District, submitted on November 25, 1980, by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(39) Revisions to meet the requirements of Part D and certain other sections of the Clean Air Act, as amended, for making a commitment to public transportation in the Boston urban region which were submitted on July 9, 1981 and on July 30, 1981.

(40) Regulations 310 CMR (14), (15), and (16), for paper, fabric, and vinyl surface coaters to meet the requirements of Part D for ozone were submitted by the Governor of Massachusetts on March 6, 1981.

(41) A revision to Regulation 7.05(1)(c) "Sulfur Content of Fuels Control Thereof for the Merrimack Valley Air Pollution Control District" allowing the burning of higher sulfur content fuel oil at Haverhill Paperboard Corporation, Haverhill.

(42) Regulation 310 CMR 7.18(2)(b), to allow existing surface coating lines regulated under 310 CMR 7.18 (4), (5), (6), (7), (11), (12), (14), (15), and (16) to bubble emissions to meet the requirements of Part D for ozone was submitted by the Governor on March 6, 1981, and a letter clarifying State procedures was submitted on November 12, 1981. The emission limitations required by the federally-approved portion of 310 CMR 7.18 are the applicable requirements of the Massachusetts SIP for the purposes of section 113 of the Clean Air Act and shall be enforceable by EPA and by citizens in the same manner as other requirements of the SIP; except that emission limitations adopted by the state under and which comply with 310 CMR 7.18 (2)(b) and the procedures set out in the letter of November 12, 1981 shall be the applicable requirements of the Massachusetts SIP in lieu of those contained elsewhere in 310 CMR 7.18 and shall be enforceable by EPA and by citizens.

(43) A revision to Regulation 7.05(1)(d) "Sulfur Content of Fuels and Control Thereof for the Metropolitan Boston Air Pollution Control District" allowing the burning of higher sulfur content fuel oil at Eastman Gelatine Corporation, Peabody, submitted on September 24, 1981 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering.

(44) The Massachusetts Department of Environmental Quality Engineering submitted an updated VOC emissions inventory on September 3, 1981, and the procedures to annually update this inventory on November 4, 1981.

(45) A revision to Regulation 7.05(1)(e) "Sulfur Content of Fuels and Control Thereof for the Pioneer Valley Air Pollution Control District" allowing the burning of higher sulfur content fuel oil at the Holyoke Gas and Electric Department, Holyoke.

(46) A revision submitted on December 29, 1981 by the Commissioner of the Massachusetts Department of Environmental Quality Engineering allowing the burning of higher sulfur content fuel oil at the ATF Davidson Company, Northbridge, until December 1, 1983.

(47) [Reserved]

(48) Regulations 310 CMR 7.18(11), Surface Coating of Miscellaneous Metal Parts and Products and (12), Graphic Arts—Rotogravure and Flexography with test methods; and (13) Perchloroethylene Dry Cleaning Systems without test methods, were submitted on July 21, 1981 and March 10, 1982 by the Department of Environmental Quality Engineering to meet Part D requirements for ozone attainment.

(49) A revision to Regulation 7.17 "Conversions to Coal" submitted by the Commissioner of the Massachusetts Department of Environmental Quality Engineering on January 22, 1982 specifying the conditions under

which coal may be burned at the Holyoke Water Power Company, Mount Tom Plant, Holyoke, Massachusetts.

(Secs. 110(a)(2)A-K and 301, Clean Air Act, as amended (42 U.S.C. 7401, 7410, 7601))

[37 FR 10871, May 31, 1972]

Editorial Note: For Federal Register citations affecting § 52.1120, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Effective Date Note: In § 52.1120, paragraph (c)(42) was amended and paragraph (c)(48) was added at 47 FR 23927, June 2, 1982, effective July 2, 1982, and paragraph (c)(49) was added at 47 FR 25008, June 9, 1982, effective August 9, 1982. For the convenience of the user, the superseded text of paragraph (c)(42) is set forth below:

§ 52.1120 Identification of plan.

* * * * *

(c) * * *

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(42) Regulation 310 CMR 7.18(2)(b), to allow existing surface coating lines regulated under 310 CMR 7.18 (4), (5), (6), (7), (14), (15), and (16) to bubble emissions to meet the requirements of Part D for ozone was submitted by the Governor on March 6, 1981, and a letter clarifying state procedures was submitted on November 12, 1981. * * *

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§ 52.1121 Classification of regions.

The Massachusetts plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Metropolitan Boston Intrastate	I	I	III	I	I
Merrimack Valley-Southern New Hampshire Interstate	I	I	III	III	III
Metropolitan Providence Interstate	I	I	III	III	III
Central Massachusetts Intrastate	I	II	III	III	III
Hartford-New Haven-Springfield Interstate	I	I	III	I	I
Berkshire Intrastate	II	III	III	III	III

(Sec. 110 of the Clean Air Act, as amended)

[37 FR 10872, May 31, 1972, as amended at 39 FR 16346, May 8, 1974; 45 FR 61303, Sept. 16, 1980]

§ 52.1122 Extensions.

(a) The Administrator hereby extends for 18 months the statutory timetable for submission of Massachusetts' plan for attainment and maintenance of the secondary standards for particulate matter and sulfur oxides in the Metropolitan Boston Intrastate Region.

(b) The Administrator hereby extends for 2 years the attainment date for the national standards for carbon monoxide and photochemical oxidants in the Metropolitan Boston Intrastate Region and extends for 14 months the attainment date for the national standards for carbon monoxide in Massachusetts' portion of the Hartford-New Haven-Springfield Interstate Region.

(c) The Administrator hereby extends for 18 months (until July 1, 1980) the statutory timetable for submission of Massachusetts' plan for attainment and maintenance of the secondary standard for particulate matter in all the secondary non-attainment areas (See 40 CFR 81.322).

(d) The Administrator hereby extends until December 31, 1987 the attainment dates for carbon monoxide and for ozone.

(Sec. 110 of the Clean Air Act, as amended)

[37 FR 10872, May 31, 1972, as amended at 45 FR 2043, Jan. 10, 1980; 45 FR 61303, Sept. 16, 1980; 47 FR 28373, June 30, 1982]

Effective Date Note: At 47 FR 28373, June 30, 1982, paragraph (b) was removed from § 52.1122, effective August, 30, 1982.

§ 52.1123 Approval status.

With the exceptions set forth in this subpart the Administrator approves the Massachusetts plan as identified in § 52.1120 for attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds that the plan identified in § 52.1120 satisfies all requirements of Part D, Title I of the Clean Air Act as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D of the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(Sec. 110 of the Clean Air Act, as amended)

[45 FR 61303, Sept. 16, 1980]

§ 52.1124 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Massachusetts.

(c) Revisions to Regulation 310 CMR 7.02(2)(d) submitted on March 30, 1979 are disapproved because they do not satisfy the requirements of § 51.18(h).

[39 FR 7281, Feb. 25, 1974, as amended at 40 FR 47495, Oct. 9, 1975; 45 FR 2043, Jan. 10, 1980]

§ 52.1125 Compliance schedules.

(a) The compliance schedules for source identified below are disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	Regulation involved	Date of adoption
Cities Service Oil Company Loading Rack	Braintree MBAPCD	2.5	Mar. 30, 1973.
Gibbs Oil Company Loading Racks	Revere MBAPCD	2.5	Do.
Sun Oil Company	do	2.5	Do.
Peirce Brothers, Inc	Waltham, Mass.	5.1.1	Jan. 9, 1973.
Texaco, Inc	Chelsea MBAPCD	2.5	Mar. 29, 1973.
Western Massachusetts Electric Co	West Springfield	2.5.1 5.1.4 5.4.1 6.1.1 6.1.2	Jan. 15, 1974.

(b) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted. (See § 52.1126 for control strategy revision approvals and disapprovals pertaining to one or more of the sources listed below.)

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Deerfield Specialty Papers, Inc	Monroe Bridge	5.1.2	Oct. 17, 1972	Immediately	Oct. 1, 1973.
Hollingsworth & Vose Co	East Walpole	5.1.2	June 29, 1972	do	June 30, 1973.
Pepperell Paper Co	Pepperell	5.1.2	Nov. 29, 1972	Apr. 1, 1973	June 1, 1973.
Stevens Paper Mills, Inc	Westfield and South Hadley.	5.1.2	July 27, 1972	do	Oct. 1, 1973.
Tileston and Hollingsworth Co	Hyde Park	5.1.1	Nov. 21, 1972	Immediately	Feb. 28, 1973.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
All sources in Berkshire APCD		5.1.2	do	Apr. 1, 1973	Oct. 1, 1973.
Newton Public Schools	Newton, Mass	5.3.1	Dec. 7, 1972	Immediately	June 1, 1973.
Administration Building	265 Washington Street.				
Claflin Hall, Newton Junior College.	Washington Park, Newtonville.				
New England Power Co.	Brayton Point Station, Somerset.	5.1.2	Nov. 13, 1973	Jan. 1, 1974	May 15, 1974.
	Salem Harbor Station, Salem.	5.1.2	do	do	Do.
Brayton Point Electric [1] Generation Station.	Somerset	5.1.2 5.4.1	Feb. 12, 1974	May 4, 1974	Dec. 31, 1974.
Belmont Municipal Incinerator	Belmont MBAPCD	2.5	Feb. 15, 1973	Immediately	July 1, 1975.
Emerson & Cuming, Inc. Industrial Facility 2.	Canton MBAPCD	2.5	Mar 30, 1973	do	July 15, 1975.
Lynn Hospital	Lynn MBAPCD	2.5	Mar. 2, 1973	do	Mar. 15, 1974.
Merriman, Inc	Hingham MBAPCD	2.5	Mar. 30, 1973	do	Apr. 1, 1974.
Monsanto	Everett MBAPCD	2.5	Feb. 15, 1973	do	June 1, 1975.
Newton Municipal Incinerator	Newton MBAPCD	2.5	do	do	Dec. 31, 1974.
Old Colony Crushed Stone	Quincy MBAPCD	2.5	Apr. 30, 1973	do	May 1, 1975.
Quincy Steel Casting Co., Inc	No. Quincy MBAPCD.	2.5	Feb. 15, 1973	do	July 15, 1974.
Simeone Stone Corp	Holliston MBAPCD	2.5	do	do	June 1, 1974.
Ventron Corp	Danvers MBAPCD	2.5	Mar. 30, 1973	do	June 30, 1974.
Wellesley Municipal Incinerator	Wellesley MBAPCD	2.5	Feb. 15, 1973	do	Oct. 30, 1974.
Winchester Municipal Incinerator	Winchester	2.5	Apr. 9, 1973	do	June 30, 1975.
American Oil Co	Chelsea MBAPCD	2.5	Mar. 30, 1973	do	Dec. 1, 1974.
Cities Service Oil Co. Four Gasoline Storage Tanks.	Braintree MBAPCD	2.5	Feb. 15, 1973	do	Dec. 31, 1974.
Gibbs Oil Co. Tanks 1, 2, 3	Revere MBAPCD	2.5	Mar. 30, 1973	do	Oct. 1, 1974.
Harry T. Cambell Sons Company	Oxford CMAPCD	2.5	Feb. 15, 1973	do	May 1, 1974.
P. J. Keating Co. Aggregate Plant.	Lunenburg CMAPCD.	2.5	do	do	May 31, 1975.
P. J. Keating Co. Asphalt Plant #1.	do	2.5	do	do	May 31, 1974.
P. J. Keating Co. Asphalt Plant #2.	do	2.5	do	do	May 31, 1975.
Chromalloy American Corp. Standard Foundry Division.	Worcester CMAPCD	2.5	do	do	Dec. 31, 1974.
Wyman Gordon Company 18,000 Ton Forge Press.	Grafton CMAPCD	2.5	do	do	Apr. 30, 1975.
Wyman Gordon Co. 3,000 & 6,000 ton Forge Presses.	do	2.5	do	do	Do.
Wyman Gordon Co. Car type Wheelabrator.	do	2.5	do	do	Oct. 31, 1974.
Wyman Gordon Company 35,000 Ton Forge Press.	do	2.5	do	do	Apr. 30, 1975.
Wyman Gordon Company 50,000 Forge Press.	do	2.5	do	do	Do.
Wyman Gordon Company, Forge Shop Bldgs. 6, 53, 81, & 111.	Worcester CMAPCD	2.5	do	do	Do.
Wyman Gordon Company Steam Hammer Forging Unit Bldgs. 53 & 111.	do	2.5	do	do	Do.
Shell Oil Gasoline Storage Tanks	West Boylston CMAPCD.	2.5	Mar. 30, 1973	do	Oct. 1, 1974.
Ferros Technology, Inc	Lawrence MVAPCD	2.5	Feb. 15, 1973	do	May 1, 1975.
Lorum Fibre Co., Inc	Tewksbury MVAPCD.	2.5	do	do	Mar. 31, 1974.
Malden Mills Inc. Stock Dryers	Lawrence MVAPCD	2.5	do	do	Sept. 30, 1974.
Malden Mills Inc. Screen Print Dryer.	do	2.5	do	do	June 30, 1974.
Malden Mills Inc. Cloth Back Coaters.	do	2.5	do	do	Aug. 31, 1974.
Malden Mills Inc. Cloth Dryers	Lawrence	2.5	Feb. 13, 1973	do	Apr. 30, 1975.
Greenfield Tap & Die United Greenfield Division of TRW, Inc. Plant #1.	Greenfield PVAPCD	2.5	Feb. 15, 1973	do	Do.
Greenfield Tap & Die United Greenfield Division of TRW, Inc. Plant #2.	do	2.5	do	do	Do.
Holyoke Municipal Incinerator	Holyoke PVAPCD	2.5	do	do	Mar. 31, 1975.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Monsanto Company Source Reg. #203.	190 Grochmal Ave. Springfield PVAPCD.	2.5	do	do	Apr. 1, 1975.
Monsanto Company Source Reg. #210.	do	2.5	do	do	Do.
Monsanto Company Source Reg. #166.	do	2.5	do	do	Do.
Monsanto Company Source Reg. #101.	190 Grochmal Ave Springfield PVAPCD.	2.5	do	do	Apr. 1, 1975.
Monsanto Company Source Reg. #165.	do	2.5	do	do	Do.
Monsanto Company Source Reg. #103.	do	2.5	do	do	Do.
Monsanto Company Source Reg. #100.	do	2.5	do	do	Do.
Monsanto Company Source Reg. #52.	do	2.5	do	do	Do.
Monsanto Company Source Reg. #51.	do	2.5	do	do	Do.
Monsanto Company C.S. 103-81	730 Worcester St Springfield PVAPCD.	2.5	do	do	Oct. 31, 1974.
Monsanto Company C.S. 133	do	2.5	do	do	Apr. 30, 1975.
Palmer Bituminous Corp	Palmer PVAPCD	2.5	do	do	Oct. 30, 1974.
Rodney Hunt Company	Orange PVAPCD	2.5	do	do	Dec. 30, 1974.
Springfield Foundry Co	Springfield	2.5	do	do	Apr. 1, 1975.
Valley Industries Inc	West Springfield PVAPCD.	2.5	do	do	Jan. 30, 1975.
Campanella Corp	Oak Bluffs SMAPCD	2.5	do	do	May 1, 1975.
Campanella Corp	Plainville SMAPCD	2.5	do	do	Apr. 30, 1974.
Campanella Corp. #1 Asphalt Batching Plant.	Raynham SMAPCD	2.5	do	do	May 15, 1975.
Campanella Corp. #2 Asphalt Batching Plant.	do	2.5	do	do	Do.
Campanella Corp	Sandwich SMAPCD	2.5	do	do	Apr. 30, 1974.
Campanella Corp	Swansea, SMAPCD	2.5	do	do	Do.
Lawrence Lynch Corp	Falmouth SMAPCD	2.5	do	do	Do.
New Bedford Municipal Incinerator.	New Bedford SMAPCD.	2.5	do	do	July 1, 1974.
North Attleboro Foundry Co., Inc	North Attleboro SMAPCD.	2.5	do	do	Mar. 1, 1975.
Revere Copper and Brass, Inc	New Bedford SMAPCD.	2.5	do	do	May 1, 1975.
Simeone Stone Corp	Dartmouth SMAPCD	2.5	do	do	Do.
Simeone Stone Corp. #1 Asphalt Batching Plant.	Wrentham SMAPCD	2.5	do	do	Do.
Simeone Stone Corp. #3 Asphalt Batching Plant.	do	2.5	do	do	Aug. 1, 1974.
Boston Housing Authority	Boston	5.1.1	Nov. 2, 1973	Nov. 15, 1973	Nov. 15, 1974.
All sources subject to the requirements of Regulation 5.1.3.	Statewide	5.1.3	do	Nov. 15, 1973	May 15, 1974.
Sources subject to the provisions of Regulation 5.1.2(d).	do	5.1.2(d)	do	Nov. 15, 1977	Nov. 15, 1974.
Holyoke Water Power Co	Holyoke	2.5.1 5.1.4 5.4.1 6.1.1 6.1.2	Dec. 11, 1973	Dec. 14, 1973	May 15, 1974.
Boston Edison Co	Weymouth, Boston	5.1.2(d)	Nov. 20, 1973	Nov. 20, 1973	May 15, 1974.
Brandeis University	Waltham	5.1.2(d)	Nov. 30, 1973	Nov. 30, 1973	Do.
Cambridge Electric	Cambridge	5.1.2(d)	Nov. 21, 1973	Nov. 21, 1973	Do.
Montaup Electric Co	Somerset	5.1.2(d)	Nov. 29, 1973	Nov. 29, 1973	Do.
Massachusetts Bay Transportation Authority.	Boston	5.1.2(d)	Nov. 20, 1973	Nov. 20, 1973	Do.
Massachusetts Institute of Technology.	Cambridge	5.1.2(d)	Nov. 21, 1973	Nov. 21, 1973	Do.
Revere Sugar Refinery	Charlestown	5.1.2(d)	do	do	Do.
Weyerhauser Co	Fitchburg	5.1.2(d)	Nov. 20, 1973	Nov. 20, 1973	Do.
Wyman Gordon	Worcester	5.1.2(d)	Dec. 12, 1973	Dec. 12, 1973	Do.
Holyoke Water Power Co	Holyoke	5.1.2(d)	Nov. 27, 1973	Nov. 27, 1973	Do.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
New Bedford Gas & Edison Light Co.	New Bedford	5.1.2(d)	Nov. 15, 1973	Nov. 15, 1973	Do.
Canal Electric Co	Sandwich	5.1.2(d)	Jan. 24, 1974	Jan. 24, 1974	Do.
American Optical Corp	Southbridge	5.1.2(d)	Nov. 29, 1973	Nov. 29, 1973	Do.
Fitchburg Gas & Electric	Fitchburg	5.1.2(d)	Nov. 20, 1973	Nov. 20, 1973	Do.
A. C. Lawrence Leather Co	Peabody	5.1.2(d)	Dec. 19, 1973	Dec. 19, 1973	Do.
Eastman Gelatine Corp	do	5.1.2(d)	Nov. 20, 1973	Nov. 20, 1973	Do.
Fitchburg Paper Co	Fitchburg	5.1.2(d)	Nov. 29, 1973	Nov. 29, 1973	Do.
U.S.M. Corp. (for that portion supplied by Northeast Petroleum).	Beverly	5.1.2(d)	Nov. 20, 1973	Nov. 20, 1973	Do.
Monsanto Worcester St. (for that portion supplied by Northeast Petroleum).	Indian Orchard	5.1.2(d)	Nov. 21, 1973	Nov. 21, 1973	Do.
Uniroyal Tire Co. (for that portion supplied by Northeast Petroleum).	Chicopee	5.1.2(d)	do	do	Do.
General Electric (for that portion supplied by Northeast Petroleum).	Lynn	5.1.2(d)	Nov. 20, 1973	Nov. 20, 1973	Do.
General Electric	Pittsfield	5.1.2(d)	Nov. 21, 1973	Nov. 21, 1973	Do.
Salem Harbor Electric Generating Station.	Salem	5.1.2 5.4.1	Jan. 15, 1974	Jan. 23, 1974	Do.

[1] Subject to conditions as appear at 39 FR 17839 May 21, 1974.

[37 FR 23088, Oct. 28, 1972 and 38 FR 9089, Apr. 10, 1973, as amended at 38 FR 20835, Aug. 3, 1973; 38 FR 21919, Aug. 14, 1973; 38 FR 32808, Nov. 28, 1973; 38 FR 34116, Dec. 11, 1973; 39 FR 3823, Jan. 30, 1974; 39 FR 14339, Apr. 23, 1974; 39 FR 15272, May 2, 1974; 39 FR 17442, 17443, May 16, 1974; 39 FR 17840, May 21, 1974]

§ 52.1126 Control Strategy: Sulfur Oxides.

(a) The revisions to the control strategy resulting from the modification to the emission limitations applicable to the sources listed below or resulting from the change in the compliance date for such sources with the applicable emission limitation is hereby approved. All regulations cited are air pollution control regulations of the State, unless otherwise noted. (See § 52.1125 for compliance schedule approvals and disapprovals pertaining to one or more of the sources listed below.)

Source	Location	Regulation involved	Date of adoption
Deerfield Specialty Papers, Inc.	Monroe Bridge	5.1.2	Oct. 17, 1972.
Hollingsworth & Vose Co.	East Walpole	5.1.2	June 29, 1972.
Pepperell Paper Co.	Pepperell	5.1.2	Nov. 29, 1972.
Stevens Paper Mills, Inc.	Westfield and South Hadley.	5.1.2	July 27, 1972.
Tileston and Hollingsworth Co.	Hyde Park	5.1.1	Nov. 21, 1972.
All sources in Berkshire APCD.		5.1.2	Do.

(b) Massachusetts Regulation 310 CMR 7.05(1) (formerly Regulation 5.1) for the Pioneer Valley Air Pollution Control District, which allows a relaxation of sulfur in fuel limitations under certain conditions, is approved for the following sources. All other sources remain subject to the previously approved requirements of Regulation 7.05(1) which stipulate that sources are required to burn residual fuel oil having a sulfur content not in excess of 0.55 pounds per million Btu heat release potential (approximately equivalent to 1 percent sulfur content.)

Deerfield Specialty Paper Company, Monroe Bridge; Amherst College, Amherst; Brown Company, Holyoke; Monsanto Polymer and Petrochemical Company, Building 21, Springfield; Monsanto Polymer and Petrochemical Company, Building 49, Springfield; Mount Holyoke College, South Hadley; Uniroyal Tire Inc., Chicopee; Smith College, Northampton; West Springfield Generating Station, Western Massachusetts Electric, West Springfield.

Pioneer Valley APCD

Belchertown State School, Belchertown
James River Graphics (formerly Scott Graphics), south Hadley (conditioned upon operation of the boilers on only one of the two stacks at any given time, and operation being so restricted in the source's operating permit granted by the Massachusetts Department of Environmental Quality Engineering.)
Massachusetts Mutual Life Insurance Company, Springfield
Northampton State Hospital, Northampton
Springfield Technical Community College, Springfield
Stanley Home Products, Easthampton
Stevens Elastomeric Industries, Easthampton
Ware Industries, Ware
Westfield State College, Westfield
Westover Air Force Base (Building 1411), Chicopee
University of Massachusetts, Amherst
Mount Tom Generating Station, Holyoke
Esleeck Manufacturing Co., Montague
Strathmore Paper Co., Montague

(c) Massachusetts Regulation 310 CMR 7.05(1) (formerly Regulation 5.1) which allows a relaxation of sulfur in fuel limitations for the Central Massachusetts Air Pollution Control District, except in the City of Worcester, is approved for the following sources. All other sources remain subject to the previously approved requirements of Regulation 7.05(1) which stipulate that sources are required to burn residual fuel oil having a sulfur content not in excess of 0.55 pounds per million BTU heat release potential (approximately equivalent to 1 percent sulfur content fuel oil).

American Optical Company, Southbridge. Wyman Gordon Company, Grafton. James River—Massachusetts Inc., Fitchburg. Fitchburg Paper Company, Fitchburg (only boilers which emit through the 55 meter stack).

Central Massachusetts APCD

Borden, Inc., Chemical Division, Leominster (conditioned upon first completing construction of new stack and certification of completion to the EPA by the Massachusetts Department of Environmental Quality Engineering.)
Gardner State Hospital, Gardner
Grafton State Hospital, Grafton
Haywood-Shuster Woolen, E. Douglas
Cranston Prints Works, Webster
Baldwinville products, Templeton—(conditioned upon first completing construction of new stack, and certification of completion to the EPA by the Massachusetts Department of Environmental Quality Engineering.)

(d) Massachusetts Regulation 310 CMR 7.05(1) (formerly Regulation 5.1) for the Southeastern Massachusetts Air Pollution Control District, which allows a relaxation of sulfur in fuel limitations under certain conditions is approved for the following sources. All other sources remain subject to the previously approved requirements of Regulation 7.05(1) which stipulate that sources are required to burn residual fuel oil having a sulfur content not in excess of 0.55 pounds per million Btu heat release potential (approximately equivalent to 1 percent sulfur content.)

New England Power Company, Brayton Point Station, Somerset; Montaup Electric Company, Somerset Station, Somerset (limited to 75% capacity while burning higher sulfur fuels.) Canal Electric Company, Sandwich; Taunton Municipal Lighting Plant, Somerset Avenue, Taunton.

Southeastern Massachusetts APCD

L&O Realty Trust, Taunton
New Bedford Gas and Electric, New Bedford
Texas Instruments, Attleboro
Arkwright Finishing Incorporated, Fall River
Foster Forbes Glass Company, Milford
Owens Illinois Inc., Mansfield
Harodite Finishing Corporation, Dighton—(conditioned upon prior removal of raincaps from stack, and certification of completion to the EPA by the Massachusetts Department of Environmental Quality Engineering.)
Polaroid Corporation, New Bedford

(e) Massachusetts Regulation 310 CMR 7.05(1) (formerly Regulation 5.1) for the Merrimack Valley Air Pollution Control District, excluding the City of Lawrence and the towns of Andover, Methuen, and North Andover, which allows a relaxation of sulfur in fuel limitations under certain conditions, is approved for the following sources. All other sources remain subject to the previously approved requirements of Regulation 7.05(1) which stipulates that sources are required to burn residual fuel oil having a sulfur content not in excess of 0.55 pounds per million Btu heat release potential (approximately equivalent to 1 percent sulfur content).

Hollingsworth and Vose, West Groton; James River Paper, Pepperell; Haverhill Paperboard Corp., Haverhill. Residual oil burning facilities less than 100 million Btu's per hour heat input capacity, except in the City of Lawrence, and Towns of Andover, Methuen, and North Andover.

(f) Massachusetts Regulation 310 CMR 7.05(1) (formerly Regulation 5.1) for the Metropolitan Boston Air Pollution Control District, which allows a relaxation of sulfur in fuel limitations under certain conditions, is approved for the following sources. All other sources remain subject to the previously approved requirements of Regulation 7.05(1) which stipulate that sources in Arlington, Belmont, Boston, Brookline, Cambridge, Chelsea, Everett, Malden, Medford, Newton, Somerville, Waltham, and Watertown (the Boston Core Area) are limited to burn fuel with a sulfur content not in excess of 0.28 pounds per million Btu heat release potential (approximately 0.5% sulfur content residual oil; sources in the remaining APCD are limited to burn fuel with a sulfur content not in excess of 0.55 pounds per million Btu heat release potential (approximately 1% sulfur content residual oil).

Metropolitan Boston APCD

General Motors, Framingham
Polaroid Corporation, Norwood
Bird and Son, East Walpole
Massachusetts Correctional Institute, South Walpole
Bridgewater State College, Bridgewater
Hanscom Field, Bedford
Wellesley College, Wellesley
National Tanning and Trading, Peabody
General Tire, Reading
General Food Corporation, Atlantic Gelatin, Woburn
Massachusetts Correctional Institute, Bridgewater
W. R. Grace, Acton
Massachusetts Correctional Institute, Concord
Danvers State Hospital, Danvers
New England Power Company, Salem Harbor Station, Salem; Boston Edison, L Street, New Boston Station, Boston; Boston Edison, Mystic Station, Everett; Ventron Corporation, Danvers; General Electric, Lynn River Works, Lynn; U.S.M. Corporation, Beverly; Medfield State Hospital, Medfield; General Dynamics, Quincy; Hollingsworth and Vose, East Walpole; Kendal Company, Walpole; Dennison Manufacturing Company, Framingham.
Procter and Gamble Company, Quincy.
Natick Paperboard Corporation, Natick.

(Secs. 110(a)(2)A-K and 301, Clean Air Act, as amended (42 U.S.C. 7410, 7601))

[38 FR 9089, Apr. 10, 1973]

Editorial Note: For Federal Register citations to § 52.1126, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1127 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The table reflects the new information presented in the approved Massachusetts plan.

Nonattainment areas	TSP		SO$_2$		NO$_2$	CO	O$_3$
	Primary	Secondary	Primary	Secondary			
Metropolitan Boston:							
Intrastate			c	g	b		h
Boston						h	
Danvers	a	g					
Cambridge	a	g				h	
Framingham	a	g					
Lynn	a	g					
Marblehead	a	g					
Norwood	a	g					
Medford	a	g				h	
Peabody	a	g					
Quincy	a	g				h	
Revere	a	g					
Swampscott	a	g					

Nonattainment areas	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Waltham	a	g				h	
Remainder AQCR	a	b				b	
Merrimack Valley-Southern:							
NH Interstate			c	c	b		h
Lowell						h	
Haverhill	a	g					
Lawrence	a	g					
Remainder AQCR	a	b				b	
Metropolitan Providence:							
Interstate			c	c	b	b	h
Fall River	a	g					
Remainder of AQCR	a	b					
Central Mass Intrastate			a	c	b		h
Worcester	f	g				h	
Athol	a	g					
Fitchburg	a	g					
Remainder of AQCR	a	b				b	
Hartford-New Haven Springfield:							
Interstate			a	c	b		h
Springfield	a	g				h	
Remainder AQCR	a	b				b	
Berkshire Intrastate			a	b	b	b	h
Adams	a	g					
North Adams	a	g					
Pittsfield	a	g					
Remainder AQCR	a	b					

NOTE: Footnotes which are underlined are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

a. Air quality levels presently below primary standards or area is unclassifiable.
b. Air quality levels presently below secondary standards or area is unclassifiable.
c. May 31, 1975.
d. August 1, 1978.
e. May 31, 1977.
f. January 1, 1979.
g. 18-month extension for plan submittal granted, attainment date not yet proposed.
h. December 31, 1987.

Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.1127 (1978).

(Sec. 110 of the Clean Air Act, as amended)

[45 FR 61303, Sept. 16, 1980; 46 FR 33524, June 30, 1981]

§ 52.1128 Transportation and land use controls.

(a) For purposes of this subpart, the definitions herein are applicable.

(b) Definitions: (1) "Register" as applied to a motor vehicle, means the licensing of such motor vehicle for general operation on public roads or highways by the appropriate agency of the Federal Government or by the Commonwealth.

(2) "Boston Intrastate Region" means the Metropolitan Boston Intrastate Air Quality Control Region, as defined in § 81.19 of this part.

(3) [Reserved]

(4) "Freeze area" means that portion of the Boston Intrastate Region enclosed within the following boundaries: The City of Cambridge; that portion of the City of Boston from the Charles River and the Boston Inner Harbor on north and northeast of pier 4 on Northern Avenue; by the east side of pier 4 to B Street, B Street extension of B Street to B Street, B Street, Dorchester Avenue, and the Preble Street to Old Colony Avenue, then east to the water, then by the water's edge around Columbia Point on various courses generally easterly, southerly, and westerly to the center of the bridge on Morrissey Boulevard, on the east and southeast; then due west to Freeport Street, Freeport Street, Dorchester Avenue, Southeast Expressway, Southampton Street, Reading Street, Island Street, Chadwick Street, Carlow Street, Albany Street, Hunneman Street, Madison Street, Windsor

Street, Cabot Street, Ruggles Street, Parker Street, Ward Street, Huntington Avenue, Brookline-Boston municipal boundary, Mountford Street to the Boston University Bridge on the southwest and west; and the Logan International Airport. Where a street or roadway forms a boundary the entire right-of-way of the street is within the freeze area as defined.

(5) "Boston proper" means that portion of the City of Boston, Massachusetts, contained within the following boundaries: The Charles River and Boston Inner Harbor on the northwest, north, and northeast, the Inner Harbor, Fort Point Channel, Fitzgerald Expressway, and the Massachusetts Avenue Expressway access branch on the east and southeast, and Massachusetts Avenue on the west. Where a street or roadway forms a boundary, the entire right-of-way of the street is within the Boston proper area as here defined.

(6) "Regional Administrator" means the Administrator of Region I of the U.S. Environmental Protection Agency.

(7) "Governor" means the Governor of the Commonwealth or the head of such executive office of the Commonwealth as the Governor shall designate as responsible for carrying out specific provisions of this subpart.

(8) "Commonwealth" means the Commonwealth of Massachusetts.

[40 FR 25161, June 12, 1975]

§ 52.1129 Control strategy: Photochemical oxidants (hydrocarbons) and carbon monoxide.

(a) The requirements of § 51.14 of this chapter are not met because the plan does not provide for attainment and maintenance of the national standards for photochemical oxidants (hydrocarbons) and carbon monoxide in the Metropolitan Boston intrastate region and for carbon monoxide in Massachusetts' portion of the Hartford-New Haven-Springfield interstate region by May 31, 1975.

(b) Revisions to the following regulations submitted on March 30, 1979 are neither approved nor disapproved because the impact of these changes has not yet been evaluated:

(1) Regulation 310 CMR 7.02(8) Table 3.

(2) Regulation 310 CMR 7.02(12).

[38 FR 16566, June 22, 1973, as amended at 45 FR 2044, Jan. 10, 1980]

Effective Date Note: At 47 FR 28372, June 30, 1982, § 52.1129 was removed, effective August 30, 1982.

§ 52.1130 Source surveillance.

(a) The reporting requirements of the Massachusetts plan are not adequate because Regulation 14 of the Department of Public Health Regulations for the Control of Air Pollution in the Berkshire Air Pollution Control District, Central Massachusetts Air Pollution Control District, Merrimack Valley Air Pollution Control District, Metropolitan Boston Air Pollution Control District, Pioneer Valley Air Pollution Control District and Southeastern Massachusetts Air Pollution Control District does not require periodic reports. Reports on emissions are only required by Regulation 14 if requested by the State, and it is therefore disapproved to that extent.

[38 FR 18879, 18880, July 16, 1973, as amended at 40 FR 55329, Nov. 28, 1975]

Effective Date Note: At 47 FR 28372, June 30, 1982, § 52.1130 was removed, effective August 30, 1982.

§ 52.1131 Control strategy: Particulate matter.

(a) Revisions to the following regulations submitted on March 30, 1979 are disapproved:

(1) Regulation 310 CMR 7.02(8), Table 2, new facilities greater than 250 million Btu/hr input burning solid fuel.

(2) Regulation 310 CMR 7.02(9), Table 5.

[45 FR 2044, Jan. 10, 1980]

§ 52.1132 Public availability of emission data.

Emission data obtained from owners or operators of stationary sources pursuant to § 52.1130(b) shall be correlated with applicable emissions limitations and other control measures. All such emission data and correlations shall be available during normal business hours at the office of the Division of Environmental Health, Room 320, 600 Washington Street, Boston, Massachusetts, and/or at such other places as the Department shall specify.

[38 FR 18880, July 16, 1973]

Effective Date Note: At 47 FR 28373, June 30, 1982, § 52.1132 was removed, effective August 30, 1982.

§ 52.1133 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met since section 142B of chapter 111 of the General Laws of Massachusetts could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, section 142B is disapproved.

[39 FR 34536, Sept. 26, 1974]

Effective Date Note: At 47 FR 28373, June 30, 1982, § 52.1133 was removed, effective August 30, 1982.

§ 52.1134 Regulation limiting on-street parking by commuters.

(a) "On-street parking" means parking a motor vehicle on any street, highway, or roadway, except for legal stops within designated loading zones or areas defined for loading purposes, at or before intersections, as caution, safety and emergencies require, whether or not a person remains in the vehicle.

(b) Commencing on or before June 30, 1974, the Commonwealth, the City of Boston, the City of Cambridge, and administrative bodies of any of them having jurisdiction over any streets, highways, or roadways within the City of Cambridge or Boston proper, and the principal officials and administrative bodies thereof having responsibility over parking on such streets, highways, or roadways, shall adopt all necessary administrative and enforcement procedures and regulations to effect a prohibition of on-street parking within Boston proper between the hours of 7 a.m. and 9:30 a.m., and within the City of Cambridge between the hours of 7 a.m. and 10 a.m., except Saturdays, Sundays and legal holidays. The regulations shall state that violation of the prohibition shall be punishable by a fine of not less than $15. The City of Boston shall at a minimum eliminate 50 percent of on-street parking during the hours specified by January 1, 1976; 66⅔ percent by September 1, 1976; and 100 percent by March 1, 1977. The City of Cambridge shall at a minimum eliminate 33⅓ percent of on-street parking during the hours specified by September 30, 1974; 66⅔ percent by July 1, 1975; and 100 percent by March 1, 1977. Any other affected entity shall at a minimum eliminate 33⅓ percent of such parking during the hours of 7 a.m. to 10 a.m. by January 1, 1976; 66⅔ percent by September 1, 1976, and 100 percent by March 1, 1977.

(c) The following classes of vehicles shall be exempt from the requirements of this section, provided that on-street parking by such vehicles is in compliance with local and state regulations:

(1) Vehicles owned by residents of that portion of Boston included within Boston proper that are registered in Boston and display a resident parking sticker for that area issued by the City of Boston;

(2) Vehicles owned by residents of Cambridge that are registered in and parked within Cambridge and display an appropriate parking sticker issued by the City of Cambridge;

(3) Vehicles owned and operated by handicapped persons with HP license plates; and

(4) Vehicles registered as "commercial vehicles" by the Commonwealth and displaying appropriate license plates.

(d) On or before June 30, 1974, no owner or operator of a motor vehicle shall park, or permit the on-street parking of, said vehicle within Cambridge or Boston proper except in conformity with the provisions of this section and the measures implementing it.

(e) The Governor and the chief executive of any other governmental entity on which obligations are imposed by paragraph (b) of this section should, on or before April 15, 1974, submit to the Regional Administrator for his approval a detailed statement of the legal and administrative steps selected to effect the prohibition provided for in paragraphs (b) and (d) of this section, and a schedule of implementation consistent with the requirements of this section. Such schedule shall include as a minimum the following:

(1) Designation of one or more agencies responsible for the administration and enforcement of the program;

(2) The procedures by which the designated agency will enforce the prohibition provided for in paragraphs (b) and (d) of this section;

(3) The procedures by which vehicles exempt from the requirements of this section will be marked; and

(4) A map showing which streets will be subject to the ban according to the schedule of implementation.

(f) Upon a finding that substantial hardship would otherwise be experienced by employees of employment facilities located in Cambridge, the Director of Traffic and Parking of the City of Cambridge may issue special parking stickers to such employees which shall entitle vehicles to park during the hours of the ban. Such stickers shall be valid only for those streets and areas of streets clearly identified on the face of such stickers, shall be issued with preference being given to carpools and vanpools and shall be subject to immediate revocation if the vehicle is cited for a parking violation on a street or area other than those designated. A list of all persons receiving such stickers shall be sent to the Regional Administrator on or before July 1 of each year.

(g) The ban shall not apply to any street space which is subject to metered parking with a maximum allowable time limit of one hour.

[40 FR 25162, June 12, 1975]

§ 52.1135 Regulation for parking freeze.

(a) Definitions: (1) The phrase "to commence construction" means to engage in a continuous program of on-site construction including site clearance, grading, dredging, or land filling specifically designed for a parking facility in preparation for the fabrication, erection, or installation of the building components of the facility. For the purpose of this paragraph, interruptions resulting from acts of God, strikes, litigation, or other matters beyond the control of the owner shall be disregarded in determining whether a construction or modification program is continuous.

(2) The phrase "to commence modification" means to engage in a continuous program of on-site modification including site clearance, grading, dredging, or land filling in preparation for a specific modification of the parking facility.

(3) The phrase "commercial parking space" means a space used for parking a vehicle in a commercial parking facility.

(4) [Reserved]

(5) "Commercial parking facility" (also called "facility") means any lot, garage, building or structure, or combination or portion thereof, on or in which motor vehicles are temporarily parked for a fee, excluding (i) a parking facility, the use of which is limited exclusively to residents (and guests of residents) of a residential building or group of buildings under common control, and (ii) parking on public streets.

(6) "Freeze" means to maintain at all times after October 15, 1973, the total quantity of commercial parking spaces available for use at the same amounts as were available for use prior to said date; *Provided*, That such quantity may be increased by spaces the construction of which commenced prior to October 15, 1973, or as specifically permitted by paragraphs (n), (p) and (q) of this section; provided further that such additional spaces do not result in an increase of more than 10 percent in the total commercial parking spaces available for use on October 15, 1973, in any municipality within the freeze area or at Logan International Airport ("Logan Airport"). For purposes of the last clause of the previous sentence, the 10 percent limit shall apply to each municipality and Logan Airport separately.

(b) [Reserved]

(c) There is hereby established a freeze, as defined by paragraph (a)(6) of this section, on the availability of commercial parking facilities in the freeze area effective October 15, 1973. In the event construction in any municipality, commenced prior to October 15, 1973, results in a number of spaces which exceeds the 10 percent limit prescribed by paragraph (a)(6) of this section, then the Governor shall immediately take all necessary steps to assure that the available commercial spaces within such municipality shall be reduced to comply with the freeze. In the event that such limit is exceeded at Logan Airport, then the provisions of paragraph (m) of this section shall apply.

(d) [Reserved]

(e) After August 15, 1973, no person shall commence construction of any commercial parking facility or modification of any such existing facility in the freeze area unless and until he has obtained from the Governor or from an agency approved by the Governor a permit stating that construction or modification of such facility will be in compliance with the parking freeze established by paragraph (c) of this section. This paragraph shall not apply to any proposed parking facility for which a general construction contract was finally executed by all appropriate parties on or before August 15, 1973.

(f) The Governor shall notify the Regional Administrator in writing within 10 days of approval of any agency pursuant to paragraph (e) of this section. In order for any agency to be approved by the Governor for purposes of issuing permits pursuant to paragraph (e) of this section, such agency shall demonstrate to the satisfaction of the Governor that:

(1) Requirements for permit application and issuance have been established. Such requirements shall include but not be limited to a condition that before a permit may be issued the following findings of fact or factually supported projections must be made:

(i) The location of the facility; and

(ii) The total motor vehicle capacity before and after the proposed construction or modification of the facility.

(2) Criteria for issuance of permits have been established and published. Such criteria shall include, but not be limited to:

(i) Full consideration of all facts contained in the application.

(ii) Provisions that no permit will be issued if construction or modification of the facility will not comply with the requirements of paragraph (c) of this section.

(3) Agency procedures provide that no permit for the construction or modification of a facility covered by this section shall be issued without notice and opportunity for public hearing. The public hearing may be of a legislative type; the notice shall conform to the requirements of 40 CFR 51.4(b); and the agency rules or procedures may provide that if no notice of intent to participate in the hearing is received from any member of the public (other than the applicant) prior to 7 days before the scheduled hearing date, no hearing need be held. If notice of intent to participate is required, the fact shall be noted prominently in the required hearing notice.

(g)-(l) [Reserved]

(m) On or before January 30, 1975, the Massachusetts Port Authority ("Massport") shall prepare and submit to the Governor for his approval a plan showing the manner in which the number of commercial parking spaces at Logan Airport which exceeds the number of such spaces permitted under the freeze shall be removed from use. The Governor shall approve such plan if he determines that (1) implementation of such plan would result in reducing the aggregate number of commercial parking spaces to the level of such spaces permitted by this section, (2) Massport has adequate legal authority to implement such plan and (3) adequate commitments have been made by Massport to assure the Governor that such plan will be fully implemented and maintained on and after May 1, 1976. In the event that the Governor does not approve such plan by April 1, 1976, then the owner or operator of each commercial parking facility located at Logan Airport shall, on or before July 1, 1976, reduce the number of commercial parking spaces available for use at each such facility by an amount which bears the same proportion to the number of spaces exceeding the limit imposed by this section as the number of spaces available at such facility bears the total number of such spaces which were available for use at Logan Airport on April 1, 1976.

(n) Where an agency approved by the Governor under paragraph (e) of this section to issue permits for new construction in the City of Cambridge demonstrates to the satisfaction of the Governor that (1) specific on-street parking spaces in use as of October 15, 1973, were being legally and regularly used as of such date for parking by commuters (as that term is defined in § 52.1161(a)(6)) who are not residents of Cambridge and that (2) effective measures have been implemented (including adequate enforcement) to prevent such spaces from being used by such commuters, then such approved agency may issue permits for construction of additional new commercial parking spaces equal to one-half of the number of spaces removed from regular use by such commuters and the total quantity of commercial parking spaces allowable in Cambridge under this section shall be raised accordingly.

(o) On or before July 31, 1976, and on or before each succeeding July 31, the Governor and the chief executive officer of any agency approved by the Governor under paragraph (e) of this section shall submit a report to the Regional Administrator setting forth:

(1) The names and addresses of all persons who received permits during the previous twelve-month period ending June 30 and number of spaces allocated to each such person;

(2) The number of commercial parking spaces available for use as of the June 30 prior to the date of the report;

(3) The number of commercial parking spaces which remain available for allocation by the Governor or such agency as of the June 30 prior to the date of the report, including those spaces made available because of retirement of existing commercial parking spaces as well as those spaces made available because of the effects of paragraphs (n), (p) and (q) of this section; and

(4) The location and capacity of any park-and-ride facility designated under paragraph (p) of this section.

(p) The Governor and any approved agency may issue a permit to construct a commercial parking facility which is designated by the Governor as a park-and-ride facility to be operated in conjunction with mass transit service without regard to the limitations on number of spaces imposed by this section.

(q) Where an agency approved by the Governor can demonstrate to the satisfaction of the Governor that there have been physically eliminated through permanent modification or demolition any legal on-street parking spaces within a municipality then such agency may issue permits for construction within that municipality of additional new commercial parking spaces equal to the number of spaces thus eliminated and the total quantity of commercial parking spaces allowable for such municipality under this section shall be increased accordingly.

(r) The provisions of this regulation shall cease to be effective as to that portion of the freeze area lying within the City of Boston and not included within Boston proper or Logan Airport at such time as the City of Boston implements a program, approved by the Governor, which shall include effective measures to control the construction of additional commercial parking spaces within that area, including procedures for issuance of conditional use permits under applicable zoning regulations and for assuring compliance with all air quality requirements under state and Federal law.

[40 FR 25162, June 12, 1975, as amended at 40 FR 39863, Aug. 29, 1975]

§§ 52.1136—52.1137 [Reserved]

§ 52.1138 Regulation for computer carpool matching.

(a) "Carpool matching" means assembling lists of commuters with similar daily travel patterns and providing a mechanism by which persons on such lists may be put in contact with each other for the purpose of forming carpools.

(b) This section is applicable in the Boston Intrastate Region.

(c) The Governor shall establish a program for encouraging employers and educational institutions to set up carpool matching programs within facilities under their control. The program shall provide for:

(1) The distribution to each employer or educational facility subject to § 52.1161 by August 31, 1975, of a

manual adequately showing how to establish and maintain a carpool program;

(2) A computer program available by July 15, 1975, to any such employer or educational institution or group for the purpose of carpool matching by use of such computer program;

(3) Processing by the Commonwealth beginning July 15, 1975, of any set of properly prepared computer cards for 400 or more commuters submitted by any such employer or educational institution or group and distributing the results of any computer carpool matching only to such persons; and

(4) Necessary guidance and technical consulting to the affected facilities subject to § 52.1161(b)(7) available by July 15, 1975, in order to initiate and maintain the carpooling program.

[40 FR 25163, June 12, 1975]

Effective Date Note: At 47 FR 28373, June 30, 1982, § 52.1138 was removed, effective August 30, 1982.

§ 52.1139 Preferential bus/carpool treatment.

(a)-(h) [Reserved]

(i) On or before December 31, 1976, the Commonwealth shall perform and complete feasibility studies on incentive measures involving preferential bus and carpool treatment and other measures designed to reduce emissions by vehicles in the Boston Intrastate Region. Such measures shall include, but are not limited to:

(1) Alternative mechanisms for bus/carpool preferential treatment.

(i) Such mechanisms shall include, but are not limited to:

(A) Exclusive bus/carpool lanes, including wrong-way bus/carpool lanes; and

(B) Restriction of the downtown on and off ramps for use only by buses and carpools during commuting hours (off ramps between 6:30 a.m. and 9:30 a.m., and on ramps between 3:30 p.m. and 6:30 p.m.).

(ii) Such mechanisms should be considered for use in the following generally-defined corridors, on whatever combination of listed and/or other routes as the study may determine to be feasible (listed routes end at Massachusetts Route 128, unless otherwise noted):

(A) Northeast Corridor: U.S. Route 1 and C-1, and Interstate Route 95; Massachusetts Route 1-A and 107 (to Lynn);

(B) North Corridor: U.S. Interstate Route 93; Massachusetts Route 28 (to Stoneham); McGrath/O'Brien Highway; Mystic Valley Parkway (to Winchester);

(C) Northwest Corridor: Massachusetts Route 2; Massachusetts Avenue (Arlington to Harvard Square); Alewife Brook Parkway; Fresh Pond Parkway;

(D) West Corridor: Massachusetts Turnpike; Massachusetts Route 9 (to Massachusetts Route 16); Memorial Drive; Storrow Drive; Soldiers Field Road;

(E) Southwest Corridor: U.S. Route 1; Arborway; Washington Street (to Massachusetts Route 1);

(F) South Corridor: Massachusetts Route 28 and 136; Tremont Street; Columbus Avenue; Sever Street; Blue Hill Avenue;

(G) Southeast Corridor: Southeast Expressway; Massachusetts Route 128 (from U.S. Interstate Route 95 to the Southeast Expressway); Massachusetts Route 3 (to Massachusetts Route 18); Massachusetts Route 3-A (to Hingham); Massachusetts Route 28; Morrissey Boulevard;

(H) Central Corridor: Central Artery;

(I) North Circumferential Corridor: Massachusetts Route 16/Mystic Valley Parkway;

(J) Circumferential Corridor: Massachusetts Route 128 (from Intersection with U.S. Route 1 in the north to Massachusetts Route 3 in the south); and

(K) Downtown Boston Corridor: Washington Street.

(iii) Factors which should be considered in connection with the feasibility of such mechanisms should include, but are not limited to, the physical characteristics of the roads, existing congestion level of roads, predicted bus volumes, before/after person capacity with and without the bus lane, cumulative net time savings, cost, the usefulness of mechanisms in reducing commuter vehicle miles traveled, the effects of the mechanisms upon parallel rail transit (where applicable) and other costs and benefits to users and non-users.

(2) Toll restructuring on the Massachusetts Turnpike Authority and Massachusetts Port Authority bridges, tunnels, and roads so as to provide incentives for bus and carpool use, such as (but not limited to):

(i) Preferential lanes at toll gates and/or lower fares for buses and carpools;

(ii) Raising tolls during commuting hours so as to collect all revenues during those hours and allowing free usage at other times; and

(iii) Use of one-way toll collection at all toll booths to reduce waiting time.

(j) On or before January 1, 1976 the Commonwealth shall submit to the Regional Administrator a scope of work for each study specified in paragraph (i) of this section. The Commonwealth also shall submit a schedule describing the timing and contributions of agency participants. On or before July 31, 1976, the Commonwealth shall submit to the Regional Administrator preliminary drafts of each such study.

(k) The Commonwealth shall structure the studies so as to ensure the effective participation of all affected state, regional, and local agencies whose areas of jurisdiction would be affected by any matter to be studied, of interested citizen and public interest groups, and of affected cities and towns. Two key agencies that should be involved from the outset are the Joint Regional Transportation Committee and the Central Transportation Planning Staff, which fulfills various Commonwealth and Federal transportation planning requirements, including coordination of the Unified Work Program. Prior to submitting final studies and recommendations to the Regional Administrator, the Commonwealth shall make drafts available to the Regional Administrator and relevant Federal agencies such as the Federal Highway Administration, U.S. Urban Mass Transit Authority ("UMTA"), U.S. Department of Transportation, and Federal Energy Administration. Each affected agency shall have 60 days in which to submit written comments to the Commonwealth. The Commonwealth shall take such comments into account in preparing the final studies for submission to the Regional Administrator. Copies of all comments received shall be submitted to the Regional Administrator.

(l) To the fullest extent possible the bus feasibility studies should be coordinated with the ongoing UMTA planning process, particularly in regard to preparation of the Unified Work Program and to the requirements of section 5(d)(2) of the National Mass Transportation Act of 1974.

[40 FR 25164, June 12, 1975]

EFFECTIVE DATE NOTE: At 47 FR 28373, June 30, 1982, § 52.1139 was removed, effective August 30, 1982.

§ 52.1140 Regulation for inspection and maintenance.

(a) Definitions:

(1) "Inspection and maintenance program" means a program to reduce emissions from in-use vehicles through identifying vehicles that need emission control-related maintenance and requiring that such maintenance be performed.

(2) "Light-duty vehicle" means a gasoline-powered motor vehicle rated at 6,000 lb GVW or less.

(3) "Medium-duty vehicle" means a gasoline-powered motor vehicle rated at more than 6,000 lb GVW and less than 10,000 lb GVW.

(b) This section is applicable in the Boston Intrastate Region.

(c) The Commonwealth shall establish an inspection and maintenance program applicable to all gasoline powered light-duty and medium-duty vehicles registered in the Boston Intrastate Region that operate on streets and highways over which it has jurisdiction. No later than April 1, 1976, the Commonwealth shall submit legally adopted regulations to the Regional Administrator establishing such a program. Antique motor vehicles designated by the appropriate state registration procedures shall be exempt from the requirements of this section. The regulation shall include:

(1) Provisions for inspection of all such motor vehicles by means of an idle emission test at periodic intervals at least once each year on a rotating

schedule which provides for inspection of all such vehicles over a 12-month period with the first segment of such schedule commencing on August 1, 1976.

(2) Provisions for establishing and periodically revising emission limitations approved by the Regional Administrator to be in effect at all times which are designed to achieve an overall annual reduction in vehicular emissions within the Boston Intrastate Region of 11 percent of hydrocarbons and 9 percent of carbon monoxide which would otherwise be emitted.

(3) Provisions to require that failed vehicles receive, within 2 weeks, the maintenance necessary to achieve compliance with the inspection standards. This shall include sanctions against noncomplying individual owners and repair facilities, retest of failed vehicles following maintenance, a certification program to insure that repair facilities performing the required maintenance have the necessary equipment, parts and knowledgeable technicians to perform the tasks satisfactorily, and such other measures as may be necessary or appropriate.

(4) A program of enforcement, such as a spot check of idle adjustment, to insure that, following maintenance, vehicles are not subsequently readjusted or modified in such a way as would cause them no longer to comply with the inspection standards. This program shall include appropriate penalties for violation.

(5) Designation of an agency or agencies responsible for conducting, overseeing, and enforcing the inspection and maintenance program.

(d) Commencing August 1, 1976, the State shall not register or allow to operate on its highways any light-duty vehicle or medium-duty vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section. This shall not apply to the initial registration of a new motor vehicle.

(e) Commencing August 1, 1976, no owner of a light-duty or medium-duty vehicle shall operate or allow the operation of any such vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section. This shall not apply to the initial registration period of a new motor vehicle.

(f) The Commonwealth of Massachusetts shall submit, no later than September 1, 1975, a detailed compliance schedule showing the steps it will take to establish and enforce an inspection and maintenance program pursuant to paragraph (c) of this section, including the text of any needed statutory proposals, and needed regulations that it will propose for adoption. The compliance schedule shall also include:

(1) The date by which the Commonwealth will recommend the needed legislation to the legislature;

(2) The date by which the necessary equipment will be ordered;

(3) A statement from the Governor identifying the sources and amounts of funds for the program. If the program cannot legally be funded or implemented under existing statutory authority, the text of needed legislation must be submitted.

(g) The Commonwealth shall submit, no later than September 1, 1975, the text of any needed statutory proposals or regulations to ensure that the inspection and maintenance system contains safeguards to protect consumers, including (but not limited to):

(1) Upgrading of the current procedures and requirements for certification of inspection stations to provide that the operators and employees performing such work on vehicles are responsible and competent to do so; and

(2) Protection of consumers from loss due to negligent performance of inspection and related maintenance work.

[40 FR 25164, June 12, 1975]

EFFECTIVE DATE NOTE: At 47 FR 28373, June 30, 1982, § 52.1140 was removed, effective August 30, 1982.

§§ 52.1141–52.1143 [Reserved]

§ 52.1144 Regulation on evaporative emissions from retail gasoline outlets.

(a) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater.

(b) This section is applicable in the Boston Intrastate Region. The requirements for this section shall be in effect in accordance with § 52.1147.

(c) (1) No person shall transfer gasoline from any delivery vessel into any stationary storage container with a capacity greater than 250 gallons unless such container is equipped with a submerged fill pipe and unless the displaced vapors from the storage container are processed by a system that prevents release to the atmosphere of no less than 90 percent by weight of organic compounds in said vapors displaced from the stationary container location.

(i) The vapor recovery portion of the system shall include one or more of the following:

(*a*) A vapor-tight return line from the storage container to the delivery vessel and a system that will ensure that the vapor return line is connected before gasoline can be transferred into the container.

(*b*) A refrigeration-condensation system or equivalent designed to recover no less than 90 percent by weight of the organic compounds in the displaced vapor.

(ii) If a "vapor-tight vapor return" system is used to meet the requirements of this section, the system shall be so constructed as to be readily added on to retrofit with an adsorption system, refrigeration-condensation system, or equivalent vapor removal system, and so constructed as to anticipate compliance with § 52.1144(d) (1).

(iii) The vapor-laden delivery vessel shall be subject to the following conditions:

(*a*) The delivery vessel must be so designed and maintained as to be vapor tight at all times.

(*b*) The vapor-laden delivery vessel may be refilled only at facilities equipped with a vapor recovery system or the equivalent that can recover at least 90 percent by weight of the organic compounds in the vapors displaced from the delivery vessel during refilling.

(2) Gasoline storage compartments of 1,000 gallons or less in gasoline delivery vehicles presently in use on October 15, 1973, will not be required to be retrofitted with a vapor return system until January 1, 1977.

(3) The provisions of this paragraph shall not apply to the following:

(i) Stationary containers having a capacity less than 550 gallons used exclusively for the fueling of implements of husbandry, provided, however, said containers are equipped with submerged fill pipes.

(ii) Any container having a capacity of less than 2,000 gallons installed prior to October 15, 1973.

(iii) Transfers made to storage tanks equipped with floating roofs or their equivalent.

(d) (1) A person shall not transfer gasoline to an automotive fuel tank from gasoline dispensing systems unless the transfer is made through a fill nozzle designed to:

(i) Prevent discharge of hydrocarbon vapors to the atmosphere from either the vehicle filler neck or a dispensing nozzle;

(ii) Direct vapor displaced from the automotive fuel tank to a system wherein at least 90 percent by weight of the organic compounds in displaced vapors are recovered; and

(iii) Prevent automotive fuel tank overfills or spillage on fill nozzle disconnect.

(2) The system referred to in paragraph (d)(1) of this section can consist of a vapor-tight vapor return line from the fill nozzle-filler neck interface to the dispensing tank, to an adsorption, absorption, incineration, or refrigeration-condensation system or equivalent.

(3) Components of the system required by paragraph (c)(1) of this section can be used for compliance with this paragraph.

(4) If it is demonstrated to the satisfaction of the Administrator that it is impractical to comply with the provisions of paragraph (d)(1) of this section as a result of fill neck configuration, location, or other design features of a class of vehicles, the provisions of paragraph (d)(1) of this section shall not apply to such vehicles. However, in no case shall such configuration exempt any gasoline dispensing facility from installing a system required by paragraph (d)(1) of this section.

[38 FR 30969, Nov. 8, 1973]

EFFECTIVE DATE NOTE: At 47 FR 28373, June 30, 1982, § 52.1144 was removed, effective August 30, 1982.

§ 52.1145 Regulation on organic solvent use.

(a) Definitions:

(1) "Organic solvents" include diluents and thinners and are defined as organic materials which are liquids at standard conditions and which are used as dissolvers, viscosity reducers, or cleaning agents, except that such materials which exhibit a boiling point higher than 220° F. at 0.5 millimeters of mercury absolute pressure or having an equivalent vapor pressure shall not be considered to be solvents unless exposed to temperatures exceeding 220° F.

(2) "Solvent of high photochemical reactivity" means any solvent with an aggregate of more than 20 percent of its total volume composed of the chemical compounds classified below or which exceeds any of the following individual percentage composition limitations in reference to the total volume of solvent:

(i) A combination of hydrocarbons, alcohols, aldehydes, esters, ethers, or ketones having an olefinic or cycloolefinic type of unsaturation: 5 percent;

(ii) A combination of aromatic compounds with eight or more carbon atoms to the molecule except ethylbenzene: 8 percent;

(iii) A combination of ethylbenzene, ketones having branched hydrocarbon structures, trichloroethylene or toluene: 20 percent. Whenever any organic solvent or any constituent of an organic solvent may be classified from its chemical structure into more than one of the above groups of organic compounds, it shall be considered as a member of the most reactive chemical group, that is, that group having the least allowable percentage of total volume of solvents.

(3) "Organic materials" are chemical compounds of carbon excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides, metallic carbonates, and ammonium carbonate.

(b) This section is applicable throughout the Boston Intrastate Region. The requirements of this section shall be in effect in accordance with § 52.1147.

(c) No person shall cause, allow, suffer, or permit the discharge into the atmosphere of more than 15 pounds of organic materials in any 1 day, nor more than 3 pounds of organic materials in any 1 hour, from any article, machine, equipment, or other contrivance, in which any organic solvent or any material containing organic solvent comes into contact with flame or is baked, heat-cured, or heat-polymerized, in the presence of oxygen, unless said discharge has been reduced as a result of the installation of abatement controls by at least 85 percent. Those portions of any series of articles, machines, equipment, or other contrivances designed for processing a continuous web, strip, or wire that emit organic materials and use operations described in this section shall be collectively subject to compliance with this section.

(d) No person shall cause, suffer, allow, or permit the discharge into the atmosphere of more than 40 pounds of organic materials in any 1 day, nor more than 8 pounds in any 1 hour, from any article, machine, equipment, or other contrivance used under conditions other than described in paragraph (c) of this section for employing, or applying any solvent of high photochemical reactivity or material containing such photochemically reactive solvent, unless said discharge has been reduced as a result of the installation of abatement controls by at least 85 percent. Emissions of organic materials into the atmosphere resulting from air or heated drying of products for the first 12 hours after their removal from any article, machine, equipment or other contrivance described in this section shall be included in determining compliance with this section. Emissions resulting from baking, heat-curing, or heat-polymerizing as described in paragraph (c) of this section shall be excluded from determination of compliance with this section. Those portions of any series of articles, machines, equipment, or other contrivances designed for processing a continuous web, strip, or wire that emit organic materials and use operations described in this section shall be collectively subject to compliance with this section.

(e) Emissions of organic materials to the atmosphere from the clean-up with a solvent of high photochemical reactivity, or any article, machine, equipment, or other contrivance described in paragraph (c) or (d) of this section or in this paragraph, shall be included with the other emissions of organic materials from that article, machine, equipment or other contrivance for determining compliance with this section.

(f) No person shall cause, suffer, allow, or permit during any one day disposal of a total of more than 1.5 gallons of any solvent of high photochemical reactivity, or of any material containing more than 1.5 gallons of any such photochemically reactive solvent by any means that will permit the evaporation of such solvent into the atmosphere.

(g) Emissions of organic materials into the atmosphere required to be controlled by paragraph (c) or (d) of this section shall be reduced by:

(1) Incineration, provided that 90 percent or more of the carbon in the organic material being incinerated is converted to carbon dioxide, or

(2) Adsorption, or

(3) The use of other abatement control equipment determined by the Regional Administrator to be no less effective than either of the above methods.

(h) A person incinerating, adsorbing, or otherwise processing organic materials pursuant to this section shall provide, properly install and maintain in calibration, in good working order, and in operation, devices as specified in the authority to construct, or as specified by the Regional Administrator, for indicating temperatures, pressures, rates of flow, or other operating conditions necessary to determine the degree and effectiveness of air pollution control.

(i) Any person using organic solvents or any materials containing organic solvents shall supply the Regional Administrator upon request and in the manner and form prescribed by him, written evidence of the chemical composition, physical properties, and amount consumed for each organic solvent used.

(j) The provisions of this rule shall not apply to:

(1) The manufacture of organic solvents, or the transport or storage of organic solvents or materials containing organic solvents.

(2) The spraying or other use of insecticides, pesticides, or herbicides.

(3) The employment, application, evaporation, or drying of saturated halogenated hydrocarbons or perchloroethylene.

(4) The use of any material, in any article, machine, equipment or other contrivance described in paragraph (c), (d), or (e) of this section if:

(i) The volatile content of such material consists only of water, and organic solvents;

(ii) The organic solvents comprise not more than 30 percent by volume of said volatile content;

(iii) The volatile content is not a solvent of high photochemical reactivity as defined in paragraph (a) of this section; and

(iv) The organic solvent or any material containing organic solvent does not come into contact with flame. This last stipulation applies only for those articles, machines, equipment or other contrivances that are constructed or modified after November 8, 1973.

(5) The use of any material, in any article, machine, equipment or other contrivance described in paragraph (c), (d), or (e) of this section if:

(i) The organic solvent content of such material does not exceed 30 percent by volume of said material;

(ii) The volatile content is not a solvent of high photochemical reactivity; and

(iii) [Reserved]

(iv) The organic solvent or any material containing organic solvent does not come into contact with flame. This last stipulation applies only for those articles, machines, equipment or other contrivances that are constructed or modified after November 8, 1973.

(6) [Reserved]

(7) An article, machine, equipment or other contrivance described in paragraph (c), (d) or (e) of this section used exclusively for chemical or physical analyses or determination of product quality and commercial acceptance provided that—

(i) The exemption is approved in writing by the Regional Administrator;

(ii) The operator of said article, machine, equipment or contrivance is not an integral part of the production process; and

(iii) The emissions from said article, machine, equipment or other contrivance do not exceed 800 lbs. in any calendar month.

(8) Sources subject to the provisions of Massachusetts Regulation 310 CMR 7.18 which has been federally approved.

(k) [Reserved]

(l) All determinations of emission rates shall be conducted in a manner approved in writing by the Regional Administrator.

(Sec. 110(a) and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410(a) and 7601(a)))

[40 FR 25165, June 12, 1975, as amended at 47 FR 28373, June 30, 1982]

Effective Date Note: At 47 FR 28373, June 30, 1982, paragraph (j)(8) was added to § 52.1145, effective August 30, 1982.

§ 52.1146 Regulation on architectural coatings.

(a) "Architectural coating" means a coating used for buildings and their appurtenances.

(b) This regulation is applicable within the Boston Intrastate Region. All sources subject to this section shall be in compliance with paragraphs (c), (d), and (e) of this section on or before January 1, 1975.

(c) No person shall sell or offer for sale, for use within the Boston Intrastate Region, in containers of 1 quart capacity or larger, any architectural coating containing a solvent of high photochemical reactivity as defined in § 52.1145(a)(2).

(d) No person shall employ, apply, evaporate, or dry any architectural coating purchased in containers of 1 quart capacity or larger, containing a solvent of high photochemical reactivity.

(e) No person shall thin or dilute any architectural coating with a solvent of high photochemical reactivity.

[38 FR 30970, Nov. 8, 1973]

Effective Date Note: At 47 FR 28373, June 30, 1982, § 52.1146 was removed, effective August 30, 1982.

§ 52.1147 Federal compliance schedules.

(a) Except as provided in paragraph (c) of this section, the owner or operator of a source subject to regulation under paragraph (c)(1) of § 52.1144 and § 52.1145 shall comply with the increments of progress contained in the following schedule:

(1) Final control plans for emission control systems or process modifications must be submitted on or before June 1, 1974, for sources subject to § 52.1144(c)(1) and on or before May 1, 1974 for sources subject to § 52.1145.

(2) Contracts for emission control systems or process modifications must be awarded or orders must be issued for the purchase of component parts to accomplish emission control or process modifications on or before March 1, 1975, for sources subject to § 52.1144(c)(1) and on or before July 1, 1974, for sources subject to § 52.1145.

(3) Initiation of on-site construction or installation of emission control equipment or process modification must begin on or before May 1, 1975, for sources subject to § 52.1144(c)(1) and on or before August 15, 1974, for sources subject to § 52.1145.

(4) On-site construction or installation of emission control equipment or process modification must be completed prior to April 15, 1975, except for purposes of paragraph (c)(1) of § 52.1144, the applicable date shall be February 1, 1976.

(5) Final compliance is to be achieved prior to May 31, 1975, except for sources subject to paragraph (c)(1) of § 52.1144 of this subpart. Final compliance for sources subject to paragraph (c)(1) of § 52.1144 is to be achieved by June 1, 1976.

(i) Facilities subject to paragraph (c)(1)(iii) of § 52.1144 of this subpart which have a daily throughput of 20,000 gallons of gasoline or less are required to have a vapor recovery system in operation no later than May 31, 1977. Delivery vessels and storage containers served exclusively by facilities required to have a vapor recovery system in operation no later than May 31, 1977, also are required to meet the provisions of this section no later than May 31, 1977.

(6) Any owner or operator of stationary sources subject to compliance schedule in this paragraph shall certify to the Administrator within 5 days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(7) Any gasoline dispensing facility subject to paragraph (c)(1) of § 52.1144 which installs a storage tank after October 15, 1973, shall comply with such paragraph by March 1, 1976. Any facility subject to such paragraph which installs a storage tank after March 1, 1976 shall comply with such paragraph at the time of installation.

(b) Except as provided in paragraph (d) of this section, the owner or operator of a source subject to paragraph (d)(1) of § 52.1144 shall comply with the increments of progress contained in the following compliance schedule:

(1) Final control plans for emission control systems or process modifications must be submitted prior to January 1, 1975.

(2) Contracts for emission control systems or process modifications must be awarded or orders must be issued for the purchase of component parts to accomplish emission control or process modification prior to March 1, 1975.

(3) Initiation of on-site construction or installation of emission control equipment or process modification must begin not later than May 1, 1975.

(4) On-site construction or installation of emission control equipment or process modification must be completed prior to May 1, 1977.

(5) Federal compliance is to be achieved prior to May 31, 1977.

(6) Any owner or operator of stationary sources subject to the compliance schedule in this paragraph shall certify to the Administrator, within 5 days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(7) Any gasoline dispensing facility subject to paragraph (d)(1) of § 52.1144 which installs a gasoline dispensing system after the effective date of this regulation shall comply with the requirements of such paragraph by May 31, 1977. Any facility subject to such paragraph which installs a gasoline dispensing system after May 31, 1977, shall comply with such paragraph at the time of installation.

(c) Paragraph (a) of this section shall not apply:

(1) To a source which is presently in compliance with all requirements of paragraph (c)(1) of § 52.1144 and § 52.1145 and which has certified such compliance to the Administrator by June 1, 1974. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the Commonwealth and approved by the Administrator.

(3) To a source subject to § 52.1144(c)(1) whose owner or operator submits to the Administrator by June 1, 1974, a proposed alternative compliance schedule. No such schedule may provide for compliance after March 1, 1976. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(4) To a source subject to § 52.1145 whose owner or operator submits to the Administrator by May 1, 1974, a proposed alternative compliance schedule. No such schedule may provide for compliance after May 31, 1975. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(d) Paragraph (b) of this section shall not apply:

(1) To a source which is presently in compliance with paragraph (d)(1) of § 52.1144 and which has certified such compliance to the Administrator by January 1, 1975. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator submits to the Administrator by June 1, 1974, a proposed alternative schedule. No such schedule may provide for compliance after May 31,

1977. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(e) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraphs (a) or (b) of this section fails to satisfy and requirements of 40 CFR 51.15(b) and (c).

[38 FR 30970, Nov. 8, 1973]

Editorial Note: For Federal Register citations to § 52.1147, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Note: The compliance dates given in paragraphs (b)(1) through (3) of § 52.1147 were deferred indefinitely at 40 FR 1127, Jan. 6, 1975.

§ 52.1148 Definitions for the purpose of §§ 52.1149 through 52.1155.

(a) "Register," as applied to a motor vehicle, means the licensing of such motor vehicle for general operation on public roads or highways by the appropriate agency of the Federal Government or by the State.

(b) "Interstate Region" means the Massachusetts portion of the Hartford-New Haven-Springfield Interstate Air Quality Control Region as defined in § 81.19 of this title.

(c) "Off-street parking facility" means any facility, building, structure, or lot, or portion thereof used primarily for temporary storage of motor vehicles.

(d) "Zone 1" means that portion of the City of Springfield, Massachusetts contained within the following boundaries: The Connecticut River on the west; the railroad track on the north (near Lyman Street); Chestnut and Maple Streets on the east; and Stockbridge and Bliss Streets on the south. Where a street or a roadway is a boundary, the entire right-of-way of the street is within Zone 1 as here defined.

(e) "Zone 2" means that portion of the City of Springfield, Massachusetts contained within the following boundaries: The Connecticut River on the west; Bliss and Stockbridge Streets on the north; Maple, Pine, Windsor, Knox, Mill, and Dickinson Streets on the east; Woodside Terrace, Forrest Park Avenue, Leete Street, and Longhill Street on the south. Where a street or roadway is a boundary, the entire right-of-way of the street is within Zone 2 as here defined.

[38 FR 30839, Nov. 7, 1973]

Effective Date Note: At 47 FR 28373, June 30, 1982, § 52.1148 was removed, effective August 30, 1982.

§ 52.1149 Regulation limiting on-street parking.

(a) "On-street parking" means stopping a motor vehicle on any street, highway, or roadway (except for legal stops at or before intersections and as caution and safety require) whether or not a person remains in the vehicle and all such stops when the driver does not remain in the vehicle.

(b) Commencing on or before July 1, 1974, the Commonwealth of Massachusetts and the City of Springfield and any political subdivisions or administrative bodies of either having jurisdiction over any streets, highways, or roadways within Zone 1, shall adopt all necessary administrative and enforcement procedures to effect a prohibition of on-street parking within Zone 1 between the hours of 7 a.m. and 10 a.m. except on Saturdays, Sundays, and legal holidays. The regulations shall state that violation of the prohibition shall be punishable by a fine of not less than $50 and removal of the offending vehicle. The limitation on on-street parking shall be conducted in a phased-in manner to be completed by March 1, 1975. Each such governmental entity shall at a minimum eliminate 33⅓ percent of currently existing on-street parking during the hours specified by September 30, 1974; 66⅔ percent by December 31, 1974; and 100 percent by March 1, 1975.

(c) Exceptions to this regulation shall be granted for vehicles owned by residents of Zone 1 that are parked near the owner's residence, providing such on-street parking is in compliance with existing parking regulations of the City and Commonwealth. Exemptions of vehicles owned or operated by handicapped persons and disabled veterans (HP and V license plates) may also be granted.

(d) On or after June 30, 1974, no owner of a motor vehicle shall park, or permit the on-street parking of, said vehicle on a street or roadway within Zone 1 except in conformity with the provisions of this section and the measures implementing it.

(e) The Governor of the Commonwealth of Massachusetts, and the chief executive of any other governmental entity on which obligations are imposed by paragraph (b) of this section shall, on or before April 15, 1974, submit to the Administrator for his approval, a detailed statement of the legal and administrative steps chosen to effect the prohibition provided for in paragraphs (b) and (d) of this section, and a schedule of implementation consistent with the requirements of that paragraph. Such schedule shall include as a minimum the following:

(1) Designation of one or more agencies responsible for the administration and enforcement of the program.

(2) The procedures by which the designated agency will enforce the prohibition provided for in paragraphs (b) and (d) of this section.

(3) The procedures by which each car will be marked so that residential vehicles will be exempt from the 7 a.m. to 10 a.m. ban providing such a vehicle is parked within 0.5 mile of the location specified on the registration of the vehicle.

[38 FR 30830, Nov. 7, 1973]

Effective Date Note: At 47 FR 28373, June 30, 1982, § 52.1149 was removed, effective August 30, 1982.

§ 52.1150 [Reserved]

§ 52.1151 Regulation for computer carpool matching.

(a) "Carpool matching" means assembling lists of commuters with similar daily travel patterns and providing a mechanism by which persons of such lists may be put in contact with each other for the purpose of forming carpools.

(b) This section is applicable in the Interstate Region.

(c) The Commonwealth of Massachusetts shall establish a computer-aided carpool matching system that is conveniently available to the general public and to all employees of employers having more than 50 employees within the Interstate Region who operate light-duty vehicles on streets and highways over which the Commonwealth has ownership or control. Prior to March 1, 1975, the Commonwealth shall submit legally adopted regulations to the EPA establishing such a system. No provisions of such regulations shall have an effective date later than 3 months from the date of adoption. The regulations shall include:

(1) A method of collecting information that will include the following as a minimum:

(i) Provisions for each affected employee to receive an application form with a cover letter describing the matching program.

(ii) Provision on each application for applicant identification of commuting time, origin, and destination, and the applicant's desire to ride only, drive only, or share driving.

(2) A computer method of matching information that will have provisions for locating each applicant's origin and destination within the Interstate Region; matching applicants with similar origins and destinations travel schedules; and enabling the persons so matched to make contact with each other at the request of any one of them.

(3) A method of providing continuing service such that the matched lists of all applicants are retained and made available for use by new applicants; application forms are currently available; and the master list is periodically updated to remove applicants who no longer meet the governing criteria and add new applicants who do.

(4) Designation of an agency or agencies responsible for operating, overseeing and maintaining the computer carpool matching system.

(d) The Governor of the Commonwealth of Massachusetts shall, on or before April 15, 1974, submit to the Administrator for his approval, a detailed statement of the legal and administrative steps chosen to effect the carpool matching system imposed by this system and a schedule of implementation consistent with the requirements of this section

[38 FR 30830, Nov. 7, 1973]

EFFECTIVE DATE NOTE: At 47 FR 28373, June 30, 1982, § 52.1151 was removed, effective August 30, 1982.

§ 52.1152 Regulation for traffic flow improvements.

(a) A traffic-responsive, digital-computer-controlled, traffic signal system shall be installed in the Springfield area encompassing Zones 1 and 2. In conjunction with this system a ramp metering system shall be installed to monitor traffic on an appropriate length of Interstate 91. Those two systems shall function together to improve traffic flow within the Springfield downtown area and also to limit VMT within the area, despite the potential traffic capacity increase provided by the system.

(b) The Governor shall, on or before April 15, 1974, submit to the Administrator for his approval, a detailed statement of the steps chosen to implement the actions in paragraph (a) of this section, and a schedule for such implementation that provides, as a minimum, the following:

(1) A date by which detailed plans will be given to EPA indicating the specific system design selected, including the method planned for use in ramp metering. Such date shall be no later than March 1, 1974.

(2) A date by which equipment necessary to implement this program will be ordered.

(3) A date by which the system will become operational. Such date shall be no later than May 31, 1975.

[38 FR 30831, Nov. 7, 1973]

EFFECTIVE DATE NOTE: At 47 FR 28373, June 30, 1982, § 52.1152 was removed, effective August 30, 1982.

§ 52.1153 Regulation for street closing.

(a) A section of Main Street located in the downtown area of Springfield shall be permanently closed to all motor vehicular traffic, with the exception of such vehicles deemed by the Governor of the Commonwealth (and approved by the Administrator) as necessary and vital for the essential exchange of goods and services and of mass transit vehicles. The section of Main Street to be closed shall extend from the railroad overpass at the north to State Street at the south. Streets intersecting Main Street at strategic points within the regulated section shall also be closed off where possible and necessary to maximize blocksize. A minimum of 15 block lengths of intersecting streets shall be closed. The precise intersecting streets to be regulated will be determined by the State of Massachusetts and the City of Springfield, subject to approval by the Administrator.

(b) The Governor shall, on or before April 15, 1974, submit to the Administrator for his approval a detailed statement of the steps chosen to effect the actions in paragraph (a) of this section, and a schedule for their implementation that provides for their full effectiveness no later than May 31, 1975.

[38 FR 30831, Nov. 7, 1973]

EFFECTIVE DATE NOTE: At 47 FR 28373, June 30, 1982, § 52.1153 was removed, effective August 30, 1982.

§ 52.1154 Regulation for semiannual inspection and maintenance.

(a) Definitions:

(1) "Inspection and maintenance program" means a program to reduce emissions from in-use vehicles through identifying vehicles that need emission control related maintenance and requiring that such maintenance be performed.

(2) "Light-duty vehicle" means a gasoline-powered motor vehicle rated at 6,000 lb. GVW or less.

(3) "Medium-duty vehicle" means a gasoline-powered motor vehicle rated at more than 6,000 pound GVW and less than 10,000 pound GVW.

(4) All other terms used in this paragraph that are defined in Part 51, Appendix N of this chapter, are used herein with the meaning therein defined.

(b) This section is applicable in the Interstate Region.

(c) The Commonwealth of Massachusetts shall establish an inspection and maintenance program applicable to all gasoline-powered, light-duty and medium-duty vehicles registered in the

Interstate Region that operate on streets or highways over which it has ownership or control. No later than April 1, 1974, the Commonwealth shall submit legally adopted regulations to EPA establishing such a program. Antique motor vehicles designated by the appropriate state registration procedures shall be exempt from the requirements of this section. The regulation shall include:

(1) Provisions for inspection of all such motor vehicles at periodic intervals at least twice each year by means of a loaded emission test.

(2) Provisions for inspection failure criteria consistent with the failure of 40 percent of the vehicles tested during the first inspection cycle.

(3) Provisions to require that failed vehicles receive, within 2 weeks, the maintenance necessary to achieve compliance with the inspection standards. This shall include sanctions against non-complying individual owners and repair facilities, retest of failed vehicles following maintenance, a certification program to insure that repair facilities performing the required maintenance have the necessary equipment, parts, and knowledgeable operators to perform the tasks satisfactorily, and such other measures as may be necessary or appropriate.

(4) A program of enforcement, such as a spot check of idle adjustment, to ensure that, following maintenance, vehicles are not subsequently readjusted or modified in such a way as would cause them no longer to comply with the inspection standards. This program shall include appropriate penalties for violation.

(5) Designation of an agency or agencies responsible for conducting, overseeing, and enforcing the inspection and maintenance program.

(d) Commencing August 1, 1976, the State shall not register or allow to operate on its highways any light-duty vehicle or medium-duty vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section. This shall not apply to the initial registration of a new motor vehicle.

(e) Commencing August 1, 1976, no owner of a light-duty vehicle or medium-duty vehicle shall operate or allow the operation of any such vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section. This shall not apply to the initial registration of a new motor vehicle.

(f) The Commonwealth of Massachusetts shall submit, no later than January 1, 1974, a detailed compliance schedule showing the steps it will take to establish and enforce a state-operated inspection and maintenance program pursuant to paragraph (c) of this section, including the text of any needed statutory proposals, and needed regulations that it will propose for adoption. The compliance schedule shall also include:

(1) The date by which the State will recommend the needed legislation to the State legislature;

(2) The date by which the necessary equipment will be ordered;

(3) A statement from the Governor and State Treasurer identifying the sources and amounts of funds for the program. If funds cannot legally be obligated under existing statutory authority, the text of needed legislation must be submitted.

[38 FR 30831, Nov. 7, 1973]

EFFECTIVE DATE NOTE: At 47 FR 28373, June 30, 1982, § 52.1154 was removed, effective August 30, 1982.

§ 52.1155 Semiannual and quarterly reports.

(a) All definitions are as used in § 51.19 of this chapter.

(b) This regulation is applicable in the Interstate Region.

(c) The Commonwealth of Massachusetts or an agency designated by the Commonwealth and approved by the Administrator shall monitor the effective emission reductions occurring as a result of the inspection and maintenance program required under § 52.1154.

(d) The data submitted pursuant to paragraph (e) of this section shall be in accordance with § 51.19(d) of this chapter.

(e) No later than May 31, 1974, the State shall submit a detailed program to the Administrator demonstrating compliance with paragraph (c) of this section. The program description shall include the following:

(1) The administrative process to be used.

(2) The funding requirements, including a statement from the Governor or State Treasurer or their respective designees identifying the source and amount of funds for the program.

(3) A description of the methods to be used to collect the data.

(4) An agency or agencies responsible for conducting, overseeing, and maintaining the monitoring program.

(f) All data obtained by the monitoring program shall be included in the quarterly report submitted to the Administrator by the State, as required at § 58.35 of this chapter. The first quarterly report shall cover the period January 1-March 31, 1975.

(g) The Commonwealth of Massachusetts and the City of Springfield shall report to the Administrator semiannually beginning May 15, 1974, the average daily VMT levels and the reduction from current levels of VMT as specified in the Technical Support Document for the Interstate Region.

(h) The VMT levels shall be based on representative traffic counts taken in Zones 1 and 2 of Springfield. The VMT reductions shall be identified for each applicable control measure designed in the State's implementation plan. Such reductions shall be reported in a format similar to that provided in Appendix M to Part 51 of this chapter, June 8, 1973.

(Secs. 110, 301(a), 313, 319, Clean Air Act (42 U.S.C. 7410, 7601(a), 7613, 7619))

[38 FR 30831, Nov. 7, 1973, as amended at 44 FR 27571, May 10, 1979]

EFFECTIVE DATE NOTE: At 47 FR 28373, June 30, 1982, § 52.1155 was removed, effective August 30, 1982.

§ 52.1156 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the legal authority to provide for public availability of emission data is inadequate.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[39 FR 34536, Sept. 26, 1974, as amended at 40 FR 55329, Nov. 28, 1975]

EFFECTIVE DATE NOTE: At 47 FR 28373, June 30, 1982, § 52.1156 was removed, effective August 30, 1982.

§ 52.1157 Maintenance of national standards.

(a) The areas listed below, which were identified by the State of Massachusetts, are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. Each identified area consists of all the territory included within the boundaries of the given jurisdictions.

(1) Boston Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of area:

In Suffolk County: The cities of Boston, Chelsea, and Revere; the town of Winthrop.

In Essex County: The cities of Beverly, Lynn, Peabody and Salem; the towns of Boxford, Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham.

In Middlesex County: The cities of Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn; the towns of Acton, Arlington, Ashland, Bedford, Belmont, Boxborough, Burlington, Carlisle, Concord, Framingham, Holliston, Lexington, Lincoln, Natick, North Reading, Reading, Sherborn, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester.

In Norfolk County: The city of Quincy and the towns of Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxborough, Franklin, Holbrook, Medfield, Medway, Millis, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood, Weymouth, and Wrentham.

In Plymouth County: The towns of Abington, Duxbury, Hanover, Hanson, Hingham, Hull, Kingston, Marshfield, Norwell, Pembroke, Rockland, and Scituate.

(2) Lawrence-Haverhill Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

In Essex County: The cities of Haverhill and Lawrence; the towns of Amesbury, Andover, Georgetown, Groveland, Merrimac, Methuen, North Andover, Salisbury, and West Newbury.

(3) Springfield Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

In Hampden County: The cities of Chicopee, Holyoke, Springfield, and Westfield, the towns of Agawam, East Longmeadow, Hampden, Longmeadow, Ludlow, Monson, Palmer, Southwick, West Springfield, and Wilbraham.

In Hampshire County: The city of Northampton and the towns of Belchertown, Easthampton, Granby, Hadley, Hatfield, Southampton, South Hadley.

In Worcester County: The town of Warren.

(4) Worcester Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

In Worcester County: The city of Worcester and the towns of Auburn, Berlin, Brookfield, Charlton, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Paxton, Shrewsbury, Spencer, Sterling, Sutton, Upton, Uxbridge, Webster, West Boylston, and Westborough.

[40 FR 23753, June 2, 1975; 40 FR 33973; Aug. 13, 1975]

EFFECTIVE DATE NOTE: At 47 FR 28373, June 30, 1982, § 52.1157 was removed, effective August 30, 1982.

§§ 52.1158–52.1159 [Reserved]

§ 52.1160 Monitoring reports.

(a) All definitions are as used in 40 CFR 51.19.

(b) This regulation is applicable in the Boston Intrastate Region.

(c) The Commonwealth shall develop and implement a program to estimate the emission reductions occurring as a result of the inspection and maintenance program required under § 52.1143, and as a result of the measures for reduction in single-passenger commuter vehicle use required by

§ 52.1161 and the measures required by §§ 52.1163 and 52.1164. The Commonwealth shall perform such actual monitoring of emissions from vehicles, traffic counts, and air quality monitoring as shall be necessary for accuracy in making such estimates.

(d)-(h) [Reserved]

(i) The Commonwealth shall review its existing air quality monitoring program and modify it as necessary so as to provide an adequate basis for the annual review by the Administrator required under paragraph (n) of this section. At a minimum the Commonwealth shall review the number and placement of monitoring stations, the types of pollutants and meteorological parameters measured, and shall devise a comprehensive quality assurance program for all phases of the monitoring program.

(j) The Commonwealth shall review its existing traffic monitoring program and modify it as necessary so as to provide reliable information about vehicle miles traveled and traffic patterns in all critical areas, and shifts in traffic patterns and vehicle miles traveled so as to better correlate traffic data with air quality measurements. Vehicle miles traveled information shall be based on representative traffic counts taken within the Region.

(k) No later than October 1, 1975, the Governor shall submit a report to the Regional Administrator containing detailed information demonstrating compliance with paragraphs (c), (i), and (j) of this section. The information contained in this report shall include as a minimum:

(1) The administrative process to be used and the agency or agencies responsible for conducting, overseeing and maintaining the monitoring programs in paragraphs (c), (i), and (j) of this section;

(2) A description of the revised ambient air monitoring network, equipment operating and data reporting procedures, and quality assurance programs to be used to insure the routine collection of valid, reliable and representative air quality data;

(3) A description of the revised traffic monitoring program; and

(4) All other information necessary to describe the methods to be used to collect the required data.

(l) The Governor shall submit a report to the Regional Administrator annually, beginning on February 15, 1976, and containing the results of the monitoring program approved in paragraph (k) of this section. This report shall include at a minimum appropriate air quality and meteorological data, average vehicle miles traveled data, an appropriate analysis of the data base, and summary information on reductions in the use of single-passenger commuter vehicles reported to the Secretary of Transportation under § 52.1161. This report shall be submitted in a form acceptable to the Regional Administrator. In addition, all air quality data collected at SLAMS will be summarized and submitted as an annual summary report to the Administrator as required by § 58.26 of this chapter.

(m) Monitoring, quality assurance programs, reporting and other procedures and methodologies required by this section shall be subject to the approval of the Regional Administrator.

(n) Upon receipt of the annual report required by paragraph (l) of this section the Regional Administrator shall analyze it and determine whether the emission reduction is in substantial conformity with the projections which formed the technical basis for the promulgation of transportation controls for the Boston Intrastate Region. If the Regional Administrator determines that the emission reductions are substantially less than or are substantially in excess of those required to meet air quality standards, the Administrator shall, after adequate public notice and public hearing, amend the regulations in such transportation control plan so as to avoid implementing a plan which is either substantially more or substantially less rigorous than that required to meet ambient air quality standards.

(o) On or before February 15, 1976, and on each succeeding February 15, thereafter the Governor shall submit to the Regional Administrator a report listing each project for expanding or improving mass transit facilities which is then under construction or is being proposed to be constructed within the Boston Intrastate Region.

(Secs. 110, 301(a), 313, 319, Clean Air Act (42 U.S.C. 7410, 7601(a), 7613, 7619))

[40 FR 25166, June 12, 1975, as amended at 44 FR 27571, May 10, 1979]

EFFECTIVE DATE NOTE: At 47 FR 28373, June 30, 1982, § 52.1160 was removed, effective August 30, 1982.

§ 52.1161 Incentives for reduction in single-passenger commuter vehicle use.

(a) Definitions:

(1) "Employer" means any person or entity which employs 50 or more employees at any time during a calendar year at an employment facility located in the Boston Intrastate Region.

(2) "Educational institution" means any person or entity which has 250 or more employees and students at any time during the academic year at an educational facility offering secondary level or higher training including vocational training located in the Boston Intrastate Region.

(3) "Employee" means any person who performs work for an employer thirty-five or more hours per week and for more than twenty weeks per year for compensation and who travels to and from work by any mode of travel.

(4) "Student" means any full-time day student who does not live at the educational institution and who travels to and from classes by any mode of travel.

(5) "Affected facility" means any employment facility at which 50 or more persons are employees or any educational facility at which 250 or more persons are students and employees.

(6) "Commuter" means both an "employee" and a "student".

(7) "Single-passenger commuter vehicle" means a motor-driven vehicle with four or more wheels with capacity for a driver plus one or more passengers which is used by a commuter traveling alone to work or classes and is not customarily required to be used in the course of his employment or studies.

(8) "Base date" means the date set forth in paragraph (d) of this section as of which the base number of single-passenger commuter vehicles at a particular employment facility or educational institution must be determined.

(9) "The Secretary" means the Secretary of Transportation and Construction of the Commonwealth of Massachusetts.

(b) Commencing with the effective date of this section, each employer and educational institution (except as provided below) shall diligently and expeditiously implement and thereafter continuously maintain the following mandatory measures which are designed to achieve a goal of reducing the number of single-passenger commuter vehicles customarily commuting daily to each affected facility as of its base date by 25 percent (or as adjusted pursuant to paragraph (g) of this section):

(1) Making available to commuters any pass program offered by the Massachusetts Bay Transportation Authority, if any commuter to the facility uses the mass transit facilities of such Authority as part of his daily commuting trip, including making all administrative arrangements for commuters to purchase the pass and thereby participate in the pass program and encouraging commuters to participate by such means as publicizing the availability of the pass program and the cost advantages thereof.

(2) Posting in a conspicuous place or places of the schedules, rates and routes of every bus, subway or rail facility which serves the facility;

(3) Publicizing any applicable on-street parking restrictions including penalties for violations, which affect any areas adjacent to the facility being used for parking by commuters to the facility;

(4) Incentives for bicycle commuting such as secure locking facilities and removal of restrictive rules against bicycle usage at the facility;

(5) Negotiations with authorities in charge of rail or bus lines serving the facility for improved service to the facility; and

(6) Making available to commuters any dial-a-ride programs which serve the facility and provide mass transit service in response to telephone calls, including making whatever administrative arrangements for commuters to the facility to participate in the

program and encouraging commuters to use the program by such means as publicizing the costs, routes and other features of the program, including publicizing the availability of such service.

(7) In the case of an affected employment facility with at least 250 commuters or an affected educational facility with at least 1,000 commuters, conducting a carpooling program (either alone or in cooperation with neighboring facilities) which

(i) Matches on a regularly recurring basis (not less often than once every six months) the names, addresses, and work telephone numbers of all commuters who commute in single-passenger commuter vehicles to a facility or group of neighboring facilities so that such commuters with similar daily travel patterns are informed and aware of each other for the purpose of forming carpools, provided that commuters who state in writing that they do not wish to be matched on grounds of personal privacy may be omitted from the matching process;

(ii) Continuously publicizes the advantages of carpooling, both in terms of savings of fuel and money and any incentives in effect at the facility; and

(iii) Creates incentives for carpool formation by providing persons who carpool with first call on available parking spaces or spaces which are closest to entrances to the facility.

(8) In the case of an affected employment facility with 1,000 or more employees, implementing a vanpool program which shall include the following elements:

(i) The employer shall post in a conspicuous place and regularly notify all employees of a continuously outstanding offer to acquire (by purchase, lease, or otherwise), insure, and make available to any group of at least 8 employees a van for their use as a vanpool. Such offer, a copy of which shall be sent to the Secretary at the time of the employer's first updated report, shall include:

(A) The procedures by which a group may accept the offer, including the designation of a driver,

(B) The conditions upon which the offer is contingent, including acceptance by the prospective driver of the responsibility for providing regular service, training back-up drivers, and arranging vehicle maintenance, and acceptance by each other member of the prospective group of responsibility for payment of a pro rata share of all direct costs (such as rental charge, licensing costs, insurance, tolls, fuel and repair) and indirect costs (such as depreciation and interest on borrowed funds) of the operation and maintenance of the vehicle;

(ii) The employer shall analyze and continuously publicize the advantage of vanpooling, including any resulting cost savings, convenience, and any incentives in effect at the facility. Such incentives shall include providing persons who vanpool with first call on available parking spaces or spaces which are closest to entrances to the facility;

(iii) Matching for the vanpool program should be coordinated with the carpool matching program, to facilitate the formation of vanpools.

Upon reaching such 25 percent goal, such employer or educational institution shall thereafter continue such program in such a manner as to aim at maintaining the ratio of single-passenger commuter vehicles to total commuters customarily arriving at its facility at or below the ratio referred to in paragraph (c)(4) of this section. If an employer or educational institution reaches and thereafter maintains said goal by means of less than all of such measures, it shall not be subject to a requirement to implement the remainder of such measures.

(c) On or within 10 days before the dates set forth in paragraph (d) of this section, each employer and educational institution shall submit to the Secretary a report containing the following information:

(1) The number of commuters who take any means of transportation to such facility as of its base date (and as of a date within 30 days of the date of such report);

(2) The number of single-passenger commuter vehicles customarily used daily by commuters to the facility as of the base date (and as of a date within 30 days of the date of such report);

(3) The total number of vehicles customarily used daily by commuters to the facility as of the base date (and as of a date within 30 days of the date of such report);

(4) The percentage derived by dividing three-quarters of the number of daily commuters to the facility arriving in single-passenger commuter vehicles as of the base date by the total number of commuters customarily arriving daily at the facility as of the base date;

(5) The percentage which the current number of daily commuters in single-passenger commuter vehicles is of all daily commuters to the facility; and

(6) The number of van-type vehicles with 8 or more commuters customarily arriving at the facility.

(d) The base date for all existing facilities shall be October 1, 1975, except that, where an employer or educational institution can establish to the satisfaction of the Secretary that a facility had commenced measures to reduce the number of single-passenger commuter vehicles customarily arriving daily at an earlier date, the Secretary may approve the use of such earlier date (but not earlier than November 8, 1973) as the base date for such facility. The base date for a facility established after the effective date of this section shall be the date six months after that on which it commenced regular operations, and its base date report shall be due on the next date at least six months later than is specified for any report or updated report by an existing facility. In lieu of establishing the actual number of such vehicles on such earlier date, an employer or educational institution may assume for the purposes of this section that prior to such earlier date 20 percent of all commuters to such facility who arrived by motor vehicle other than mass transit customarily arrived by means other than single-passenger commuter vehicles. An employer or educational institution shall determine whether or not it is subject to a reporting requirement and the schedule to be used in filing reports by reference to the number of commuters which it reasonably anticipates it will have coming to its facility at the date the base date report is due. The reports required under paragraph (c) of this section shall be filed according to the following schedule:

(1) For a facility with 250 or more commuters, a base date report shall be due on October 15, 1975;

(2) For a facility with fewer than 250 commuters, a base date report shall be due on June 30, 1976.

(e) Each affected employer and educational institution regardless of size shall periodically update its base date report by means of a report containing (1) updated information called for in paragraphs (c) (1) through (6) of this section, (2) the net change in percentage points between the percentage reported under paragraph (c)(4) of this section as of the base date and that under paragraph (c)(5) of this section as of the date of the current report, and, (3) the net change in percentage points between the percentage reported under paragraph (c)(5) of this section in its previous report and that reported under paragraph (c)(5) of this section in its current report. The first such periodic report shall be due on the next succeeding December 31 or June 30 after the base date report, whichever is later; and each successive six months thereafter on June 30 or December 31 until June 30, 1978, and every year thereafter on June 30.

(f) (1) Each educational institution or employer submitting reports required by this section shall cause such reports to be signed as follows:

(i) In the case of a corporation, by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility covered by the report;

(ii) In the case of a partnership, by a general partner;

(iii) In the case of a sole proprietorship, by the proprietor;

(iv) In the case of an unincorporated association, by the president or chairman thereof;

(v) In the case of a municipal, State, or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.

(2) Each educational institution or employer submitting reports required by this section shall retain for at least three years all supporting documents and data upon which each such report was based.

(3) Each report submitted pursuant to this section shall be accompanied by an adequate explanation of the methodology used to gather, compile, and analyze the data, the assumptions used in that analysis, and samples of the forms used to elicit the underlying information from commuters at the facility.

(g) Where the total number of commuters to a particular facility is changed due to fluctuation in employment or enrollment between the base date and the date of any report under paragraph (e) of this section, such fact shall be reported at the time of the submission of such report. The goal of the employer or educational institution having such a change is to attain and maintain the ratio of commuters customarily arriving at the facility daily in single-passenger commuter vehicles to total commuters indicated by paragraph (c)(4) of this section.

(h) If an employer or educational institution does not meet and thereafter at all times maintain the reduction specified under paragraph (b) of this section, in connection with each report under paragraph (e) of this section, it shall, upon written notification of the Secretary or the Regional Administrator, submit a complete description of all measures which it has applied to achieve and maintain such reduction. In addition, it shall submit a description of any remedial actions which it intends to take to meet the requirements of paragraph (b) of this section.

(i) The Secretary shall report to the Regional Administrator any person who fails to comply with this section and shall, upon request by the Regional Administrator, forward copies of all reports, correspondence and other documents pertaining to such instance of noncompliance together with a description of any enforcement action taken by the Commonwealth in connection with the matter.

(j) If an employer or educational institution in good faith diligently and expeditiously implements and thereafter continuously maintains those measures set forth in paragraphs (b)(1) through (b)(8) of this section as are applicable to it, it shall not be subject to any enforcement action by the Secretary or Administrator even though it may fail to achieve the 25 percent goal referred to in paragraph (b) of this section.

(k) Within 30 days after the receipt of the periodic reports required under paragraph (e) the Secretary shall submit to the Regional Administrator a summary of the information contained in such reports, including (1) a list of the names and addresses of all employers and educational institutions who have not as of the date of such report submitted the required report, (2) a list of all employers and educational institutions in the order of the percentage reduction achieved between the base date and the date of the required report and (3) the total reduction between the respective base dates and the date of the required reports in the number of single-passenger automobiles customarily used to arrive at all facilities for which reports were filed.

[40 FR 25166, June 12, 1975]

NOTE: With the exception of paragraphs (c) and (d), the provisions of § 52.1161 were suspended indefinitely at 40 FR 25161, June 12, 1975.

EFFECTIVE DATE NOTE: In § 52.1161, paragraphs (b) (2) through (8), and (c) through (k) were removed, at 47 FR 28373, June 30, 1982, effective August 30, 1982.

§ 52.1162 Regulation for bicycle use.

(a) Definitions:

(1) "Bicycle" means a two-wheel nonmotor-powered vehicle.

(2) "Bike path" means a route for the exclusive use of bicycles separated by grade or other physical barrier from motor traffic.

(3) "Bike lane" means a street lane restricted to bicycles and so designated by means of painted lanes, pavement coloring or other appropriate markings. A "peak hour" bike lane means a bike lane effective only during times of heaviest auto commuter traffic.

(4) "Bike route" means a route in which bicycles share road space with motorized vehicles.

(5) "Bikeway" means bike paths, bike lanes and bike routes.

(6) "Bicycle parking facility" means any facility for the temporary storage of bicycles which allows the frame and both wheels of the bicycle to be locked so as to minimize the risk of theft and vandalism.

(7) "Parking facility" means a lot, garage, building, or portion thereof in or of which motor vehicles are temporarily parked.

(8) "Parking space" means the area allocated by a parking facility for the temporary storage of one automobile.

(9) "MBTA" means the Massachusetts Bay Transportation Authority.

(b) *Application.* This section shall be applicable in the Boston Intrastate Region.

(c) *Study.* The Commonwealth, according to the schedule set forth in paragraph (d) of this section, shall conduct a comprehensive study of, and in that study recommend, the establishment of permanent bikeways and related facilities within the area described in paragraph (b) of this section. The study shall consider or include at least the following elements:

(1) The physical design for bikeways, intersections involving bikeways, and means of bicycle link-ups with other modes of transportation;

(2) The location of bikeways, including ascertaining high accident or pollution areas and developing means of avoiding or ameliorating those situations as well as means of providing intersection safety generally;

(3) The location of bicycle parking facilities, including bus stops;

(4) The rules of the road for bicyclists, and to the extent that present rules must be modified because of bikeways, new rules of the road for motorists. Also the feasibility of mandatory adult bicycle registration to minimize theft and increase recovery of stolen bicycles;

(5) Bicycle safety education for bicyclists, motorists, children, students, street maintenance personnel and policemen, including requiring bicycle safety principles and safe street riding skills to be taught in high school automobile driver(s) education programs;

(6) Methods for publicizing bicycles or bicycles plus mass transit as alternatives to automobile transportation, including the preparation, perhaps in conjunction with bicentennial efforts, of a master Boston area transit map, indicating the kind, extent and location of bicycle facilities, public baths, showers, toilet facilities, water fountains, as well as routes and stops for MBTA, common carriers and private bus lines, such map to be distributed by the Registry of Motor Vehicles with each automobile new registration and automobile registration renewal;

(7) Requiring or providing incentives for common carriers and mass transit carriers, especially the Blue Line of the MBTA, to provide bicycle parking facilities at their respective terminals and stations and bicycle carrying facilities on their respective vehicles;

(8) The creation of roadway zones in which all vehicles, except mass transit, emergency and service vehicles, and bicycles, would be excluded;

(9) Requiring or providing incentives for office buildings and employers to install and to provide free shower and locker facilities for cyclists;

(10) A bicycle user and potential user survey, which shall at a minimum determine:

(i) For present bicycle riders, the origin, destination, frequency, travel time, distance and purpose of bicycle trips;

(ii) In high density employment areas, the present modes of transportation of employees and the potential modes of transportation, including the numbers of employees who would use a bicycle for a significant portion of their commuting transportation were suitable facilities available to them. This section of the study shall seek to ascertain the size of the working population that would move from automobiles to mass transit and bicycles or bicycles alone as a significant form of transportation. It shall also seek to ascertain what bicycle facilities or mix thereof would produce the greatest conversion from auto use;

(11) The special problems related to the design and incorporation in the bikeway facilities described in paragraph (f) of this section of feeder bikeways to bridges, on-bridge bikeways, feeder bikeways to MBTA and railroad stations, feeder bikeways

to fringe parking areas, and bicycle passage through rotaries and squares;

(12) The conversion of railroad beds, power lines, flood control channels or similar corridors to bikepaths;

(13) Removing barriers to employees bringing their bicycles into their offices;

(14) Removal or alteration of drain grates with bars so placed as to catch bicycle wheels;

(15) Bicycle rentals at appropriate locations; and

(16) The feasibility of constructing bikeways along at least each of the corridors set forth in paragraph (g) of this section.

In conducting the study, opportunity shall be given for public comments and suggestions. Input shall also be solicited from state, regional and local planning staffs, state, regional and local agencies, bicycle organizations and other interested groups and be related to comprehensive transportation planning for the area designated in paragraph (b) of this section. The study shall, using as a goal a minimum of 180 miles of bikeways, examine as large a network of facilities as is practicable within the area described in paragraph (b) of this section and shall recommend physical designs for said facilities. The study shall also propose a compliance schedule for establishing any recommended permanent bicycle facilities.

(d) The Commonwealth of Massachusetts shall submit to the Regional Administrator no later than October 1, 1975, a detailed compliance schedule showing the steps that will be taken to carry out the study required by paragraph (c) of this section. The compliance schedule shall at a minimum include:

(1) Designation of the agency responsible for conducting the study;

(2) A date for initiation of the study, which date shall be no later than October 1, 1975; and

(3) A date for completion of the study, and submittal thereof to the Administrator, which date shall be no later than June 30, 1976.

(e) On or before September 1, 1976, the Administrator shall publish in the FEDERAL REGISTER his response to the study required by paragraph (c) of this section, and shall, in that response, either approve the facility location and designs and other requirements as well as the proposed compliance schedule for permanent facilities recommended in the study, or shall designate alternative and/or additional facility locations and designs and other requirements as well as modify the proposed compliance schedule for permanent facilities. The Administrator may provide, if he deems it necessary, for a public comment period prior to the effective date of his response.

(f) Permanent Bicycle Facilities. At the conclusion of the study required by paragraph (c) of this section and the Administrator's response thereto, the Commonwealth shall, together with the municipalities and other authorities having jurisdiction over affected roadways and areas establish permanent bicycle facilities as required by the Administrator's response to the study.

(g) The potential bikeway corridors to be studied pursuant to paragraph (c)(16) are as follows:

(1) Central Square, Cambridge to Boston University;

(2) Harvard Square, Cambridge to Union Square, Allston;

(3) Union Square, Somerville to Central Square, Cambridge;

(4) Union Square, Allston to Government Center;

(5) Harvard Square, Cambridge to Government Center;

(6) Brookline Village to Government Center;

(7) Boston University to Longwood Avenue Hospital Zone;

(8) Egleston Square to Government Center;

(9) Columbus Park to Boston Common;

(10) L Street Beach to Government Center;

(11) Powder House Circle, Somerville to Harvard Square;

(12) Everett to Government Center;

(13) Porter Square, Cambridge to Columbus Park, Boston;

(14) Cleveland Circle to Government Center;

(15) Porter Square, Cambridge to Government Center;

(16) Harvard Square, Cambridge to Boston City Hospital; and

(17) Charlestown, Longfellow, Harvard, Boston University, River Street, Western Avenue, Anderson, Summer Street, and Broadway Bridges.

(h) The MBTA shall provide bicycle parking facilities at each major MBTA station adequate to meet the needs of MBTA riders within the area designated in paragraph (b) of this section. Said parking facilities shall at a minimum be located at:

(1) All stations of the Riverside portion of the Green Line;

(2) Reasonably spaced stops on other portions of the Green Line;

(3) All stations of the Red, Orange, and Blue Lines; and shall have spaces for at least six bicycles per station, except for facilities at terminal stations which shall have spaces for at least 24 bicycles.

(i) The Commonwealth shall provide for advertisement of bikeways and bicycle parking facilities in use within the area designated in paragraph (b) of this section to potential users by means of media advertisement, the distribution and posting of bikeway maps and bike safety information, as well as for a program of bicycle safety education including the motor vehicle operators license examination and public service advertisement.

[40 FR 25168, June 12, 1975]

§ 52.1163 Additional control measures for East Boston.

(a) On or before December 31, 1975, the Governor, the Mayor of the City of Boston, the Chairman of the Massachusetts Bay Transportation Authority, the Chairman of the Massachusetts Turnpike Authority and the Chairman of the Massachusetts Port Authority ("Massport") shall each submit to the Regional Administrator a study or studies of various alternative strategies to minimize the number of vehicle trips to and from Logan International Airport ("Logan Airport") and to reduce the amount of carbon monoxide in the vicinity of the Callahan and Sumner Tunnels to a level consistent with the national primary ambient air quality standards. These studies may be combined into one or more joint studies. These studies shall contain recommendations for control measures to be implemented prior to May 31, 1977. Measures to be studied shall include but need not be limited to, the following:

(1) Incentives and programs for reductions in the use of single-passenger vehicles through the Callahan and Sumner Tunnels;

(2) Alterations in traffic patterns in the tunnel area;

(3) Use of exclusive lanes for buses, carpools, taxis and limousines during peak travel hours;

(4) Reduction of parking spaces at Logan Airport and increased parking charges at remaining spaces;

(5) Construction of satellite terminal facilities for Logan Airport;

(6) Use of alternate modes of transportation for trips to and from Logan Airport, and establishment of facilities at Logan Airport to accommodate such modes;

(7) Improved transit service between the Blue Line subway stop and airline terminals at Logan Airport; and

(8) Any other measures which would be likely to contribute to achieving the required reductions.

(b) Massport shall monitor the number of vehicles entering and leaving Logan Airport so as to provide the Secretary of Transportation for the Commonwealth (the "Secretary") with reports on a semi-annual basis, beginning on January 30, 1976, showing total vehicle trips per day for the six-month period ending on the previous December 31 or June 30, presented and tabulated in a manner prescribed by the Secretary.

(c) Massport shall, on or before June 30, 1976, prepare and submit to the Secretary draft legislation which, if enacted into law, would alleviate local licensing problems of bus and limousine companies in order to facilitate increased and improved bus and limousine service for travelers using Logan Airport.

(d) Massport shall negotiate with the Massachusetts Bay Transportation Authority to increase the convenience of the mass transit services currently available to travelers to Logan Airport.

(e) Massport shall, on or before June 30, 1976, establish and maintain a program (which shall include the enclosure of this information in tickets or folders mailed by airlines using Logan Airport) to publicize the advantages in costs and convenience of the use of mass transit or other available transportation services by travelers using the airport, and making known to such persons the schedules, routes, connections, and other information necessary for them to conveniently use mass transit and such other services.

(f) Massport shall, on or before October 15, 1975, establish a carpool program at Logan Airport, which shall include the elements specified in paragraphs (b)(7) (A) through (C) of § 52.1161. For the purpose of applying the requirements of § 52.1161 to the present paragraph:

(1) The definitions in § 52.1161 shall apply;

(2) Each employer with any employment facility at Logan Airport shall cooperate with Massport in the development and implementation of the program;

(3) Any such employer (including Massport) may fulfill its obligations under paragraph (b)(7) of § 52.1161 by fully cooperating with and participating in the Logan Airport carpool program (including bearing its proportional share of the program's cost); and

(g) Massport shall, on or before October 15, 1975, implement a program of systematic dissemination to employers and employees at Logan Airport of information regarding the Massachusetts Bay Transportation Authority pass program, bus and train schedules and rates, park-and-ride facilities, and other transportation programs and services available to employees at Logan Airport.

(h) Massport shall, on or before January 1, 1976, implement and maintain a program to allow all employees at Logan Airport, regardless of the size of the particular employment facility at which they work, to participate in any available pass program made available by the Massachusetts Bay Transportation Authority, including the use of Massport as a central clearinghouse for the purpose of aggregating employees and for fiscal management of such pass program.

[40 FR 25169, June 12, 1975]

§ 52.1164 Localized high concentrations—carbon monoxide.

(a) Not later than October 1, 1975, the Commonwealth shall have developed and have begun to implement a program to identify urban and suburban core areas and roadway/intersection complexes within the Boston Intrastate Region which violate the national ambient air quality standards for carbon monoxide. Once such localized areas have been identified, the Commonwealth, in cooperation with the affected local municipalities, shall develop and implement appropriate control strategies to insure that such air quality standards will be achieved at such areas. Plans shall be developed to include provisions for the entire municipality in order to insure that the implemented strategies will not create carbon monoxide violations elsewhere in the vicinity after the measures have been applied.

(b) To accomplish the requirements of paragraph (a) of this section, the Commonwealth shall do the following:

(1) Identify areas of potentially high carbon monoxide concentrations by reviewing all available traffic data, physical site data and air quality and meteorological data for all major intersections and roadway complexes within the Region. The Regional Administrator will provide general guidance on area designations to assist in the initial identification process.

(2) Areas identified under paragraph (b)(1) of this section shall be studied in further detail, including meteorological modeling, traffic flow monitoring, air quality monitoring and other measures necessary to accurately quantify the extent and actual levels of carbon monoxide in the area. A report containing the results of these analyses and identifying such areas shall be submitted to the Regional Administrator no later than March 1, 1976.

(3) If, after the completion of actions required by paragraph (b)(2) of this section, an area shows or is predicted to have violations of the carbon monoxide standard, the Commonwealth, in cooperation with the affected municipality, shall submit a plan to

the Regional Administrator containing measures to regulate traffic and parking so as to reduce carbon monoxide emissions to achieve air quality standards in the area. Such plan shall include: the name of the agency responsible for implementing the plan, all technical data and analyses supporting the conclusions of the plan, all control strategies adopted as part of the plan, and other such information relating to the proposed program as may be required by the Regional Administrator. The Regional Administrator shall provide general guidance on applicable control strategies and reporting formats to assist in plan development and submittal. Such a plan shall be submitted for each municipality which contains one or more identified areas no later than October 1, 1975 for Waltham and October 1, 1976, for other areas.

(4) All measures called for in the plan submitted under paragraph (b)(3) of this section shall be subject to the approval of the Regional Administrator and shall be implemented by May 31, 1977.

(c) The Commonwealth shall annually review the effectiveness of the control strategies developed pursuant to this section and modify them as necessary to insure that such carbon monoxide standards will be attained and maintained. The results of this review and any changes in the measures which the Commonwealth recommends as a result thereof shall be reported to the Regional Administrator annually as required under § 52.1160.

(d) Prior to submitting any plan to the Regional Administrator under paragraph (b)(3), the Commonwealth shall give prominent public notice of the general recommendations of such plan, shall make such plan available to the public for at least 30 days and permit any affected public agency or member of the public to comment in writing on such plan. The Commonwealth shall give the Regional Administrator timely notice of any public hearing to be held on such plan and shall make all comments received available to the Regional Administrator for inspection and copying.

[40 FR 25170, June 12, 1975]

§ 52.1165 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulation for preventing significant deterioration of air quality.* The provisions of § 52.21 (b) through (v) are hereby incorporated and made a part of the applicable State plan for the State of Massachusetts.

[43 FR 26410, June 19, 1978]

§ 52.1166 Rules and regulations.

(a) Part D—conditional approval—The TSP Attainment Plan for the Worcester non-attainment area, the NSR program for all non-attainment areas, and the revisions of December 31, 1978 and May 16, 1979 are approved as satisfying Part D requirements under the following conditions:

(1) Submittal by July 15, 1980 of a metal coil coating regulation as a SIP revision.

(2)-(5) [Reserved]

(6) Submittal by December 1, 1980 of an emissions inventory for small degreasing operations (conveyorized degreasers smaller than two square meters of air vapor interface and open-top vapor degreasers smaller than one square meter of open area) and either a demonstration that emissions reductions to be realized from control of small degreasers will not account for more than 5% of the total emission reductions from this category or a regulation to control this category.

(7) Submittal by October 7, 1980 of Appendix J of the SIP revisions, which must contain policy guidance for the preparation of a comprehensive air quality analysis of highway projects.

(8)-(9) [Reserved]

(10) Submittal by March 7, 1981 of a revised Reasonable Further Progress Demonstration which reflects any reductions obtained from control of coil, paper and fabric surface coating operations.

(b) Part D—No action. EPA is neither approving nor disapproving Regulation 310 CMR 7.18(2)(b) identified in § 52.1120(c)(30).

(Sec. 110(a) of the Clean Air Act; 42 U.S.C. 7401, 7410(a) and 7601(a))

[45 FR 61303, Sept. 16, 1980, as amended at 46 FR 43148, Aug. 27, 1981; 47 FR 3353, Jan. 25, 1982; 47 FR 9836, Mar. 8, 1982]

Subpart X—Michigan

§ 52.1170 Identification of plan.

(a) Title of plan: "Implementation Plan for the Control of Suspended Particulates Sulfur Oxides, Carbon Monoxide, Hydrocarbons, Nitrogen Oxides, and Photochemical Oxidants in the State of Michigan."

(b) The plan was officially submitted on February 3, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Re-evaluation of control strategies for Berrien and Ingham Counties were submitted on March 3, 1972, by the State Air Pollution Office.

(2) Amendments to the Michigan air pollution rules for the control of SO_2 emissions (Part 3) and the prevention of air pollution episodes (Part 6) submitted by the Governor on March 30, 1972.

(3) An amendment to the Grand Rapids air pollution ordinance (Section 9.35 and Section 9.36) was submitted on May 4, 1972, by the Grand Rapids Department of Environmental Protection.

(4) Reasons and justifications concerning general requirements of control strategy for nitrogen dioxide, compliance schedules, and review of new sources and modifications submitted on July 12, 1972, by the Governor.

(5) A letter from the State Department of Public Health submitted on July 24, 1972, described how emissions data would be made available to the public.

(6) Compliance schedules were submitted by the State of Michigan, Department of Natural Resources on February 16, 1973.

(7) Compliance schedules were submitted by the State of Michigan, Department of Natural Resources on May 4, 1973.

(8) Compliance schedules were submitted by the State of Michigan, Department of Natural Resources on September 19, 1973.

(9) Compliance schedules were submitted by the State of Michigan, Department of Natural Resources on October 23, 1973.

(10) Compliance schedules were submitted by the State of Michigan, Department of Natural Resources on December 13, 1973.

(11) Air Quality Maintenance Area identifications were submitted on June 27, 1974, by the State of Michigan Department of Natural Resources.

(12) Air Quality Maintenance Area identifications were submitted on October 18, 1974, by the State of Michigan Department of Natural Resources.

(13) Provisions to disapprove an installation permit if the applicant source would interfere with the attainment or maintenance of national air quality standards were submitted by the Governor on January 25, 1974.

(14) Order extending the final compliance dates for meeting the sulfur dioxide emission limitation was submitted by the Michigan Department of Natural Resources for the Karn, Weadock and Cobb Plant Units of the Consumers Power Co.

(15) Order extending compliance date for meeting the sulfur dioxide emission limitation was submitted by the State of Michigan Department of Natural Resources for the Detroit Edison Company, Monroe County Plant on December 12, 1977.

(16) On April 25, 1979, the State submitted its nonattainment area plan for areas designated nonattainment as of March 3, 1978 and as revised on October 5, 1978. This submittal contained Michigan's Part D attainment plans for particulate matter, carbon monoxide, sulfur dioxide, transportation and new source review, plus a copy of Michigan's existing and proposed regulations. USEPA is not taking action at this time to include in the federally approved SIP certain portions of the submittal: Provisions in R 336.1310 concerning open burning; 336.1331, insofar as it may pertain to process sources in the iron and steel category and site specific revisions; 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356 and 1357 as they pertain to specific iron and steel source operations; Part 5,

Extension of Sulfur Dioxide Compliance Date for Power Plants Past January 1, 1980; Part 7, Emission Limitations and Prohibitions—New Sources of Volatile Organic Compound Emissions; R336.1701-1710 controlling minor sources of volatile organic compounds; Part 11, Continuous Emission Monitoring; Part 13, Air Pollution Episodes; Part 16, Organization and Procedures; and Part 17, Hearings.

(17) On October 12, 1979, the State submitted comments and commitments in response to USEPA's notice of proposed rulemaking.

(18) On January 9, 1980, the State submitted a copy of the finally adopted rules of the Commission. These rules became fully effective on January 18, 1980. These finally adopted rules are identical to the rules submitted on April 25, 1979, as part of Michigan's Part D nonattainment area plan except for a modification in the numbering system. Paragraph (c)(16) of this subpart identifies those rules on which USEPA has not taken action.

(19) On February 6, 1980, the State submitted the visible emission test method for stationary sources referenced in Rule 336.1303 as being on file with the Michigan Air Pollution Control Commission. On March 7, 1980, the State submitted clarifications to the visible emissions test method.

(20) On March 31, 1980, the State submitted revisions to the conditional approval schedules for total suspended particulates.

(21) On July 25, 1979, the State submitted the official ozone attainment plan as part of the State Implementation Plan.

(22) On October 26, 1979, the State submitted comments and revisions to the transportation plans and vehicle inspection/maintenance portions of the State Implementation Plan for ozone in response to USEPA's notice of proposed rulemaking (45 FR 47350).

(23) On November 8, 1979, the State submitted revisions to the ozone attainment plan.

(24) On December 26, 1979, the State submitted comments and additional information from the lead local agencies on the transportation control plans for the Flint, Lansing, Grand Rapids and Detroit urban areas.

(25) On May 12, 1980, the State submitted corrections and comments in response to USEPA's notice of proposed rulemaking (45 FR 25087).

(26) On March 20, 1980, the State submitted commitments and additional revisions to the Inspection/Maintenance program for the Detroit urban area.

(27) On February 23, 1979, compliance schedules were submitted by the State of Michigan, Department of Natural Resources to USEPA for the Detroit Edison, St. Clair Power Plant. Additional material concerning the Final Order issued to the Detroit Edison, St. Clair Power Plant was submitted on June 17, 1979 and August 14, 1979.

(28) On August 22, 1979, the State of Michigan submitted to USEPA an Administrative Order, for the Lansing Board of Water and Light (Order No. 4-1979, adopted May 23, 1979). In letters dated February 13, 1980 and April 1, 1980, the State of Michigan withdrew certain paragraphs (Sections A, B, C1, D, E, F, and G) of the Order from consideration by USEPA.

(29) Compliance schedules were submitted by the State of Michigan, Department of Natural Resources to USEPA on October 26, 1979, for the Dundee Cement Company, Monroe County (Michigan Final Order, APC No. 08-1979, adopted October 17, 1979).

(30) On July 26, 1979, the State of Michigan Submitted to USEPA a revision to Rule 336.49 for the Consumers Power Company's J. H. Campbell Plant. The revision is a Final Order (No. 05-1979) extending the compliance date until January 1, 1985 for the Campbell Plant to meet the sulfur dioxide emission limitations in Rule 336.49. On February 14, 1980, the State of Michigan submitted to USEPA an amendment to Order No. 05-1979.

(31) Compliance schedules were submitted by the State of Michigan, Department of Natural Resources to USEPA on November 13, 1979, for the S. D. Warren Company, Muskegon County (Michigan Final Order, No. 09-1979, adopted October 31, 1979).

(32) On December 19, 1979, the State of Michigan submitted a revision to

provide for modification of the existing air quality surveillance network.

(33) On December 10, 1979, the State of Michigan submitted to USEPA a Final Order (APC No. 6-1979) issued by the Michigan Air Pollution Control Commission to the Consumers Power Company B.C. Cobb Plant. The Order requires the source to utilize 2.5% sulfur on an annual basis until January 1, 1985 when the company must meet the sulfur dioxide (SO_2) emission limitation in Michigan Rule 336.1401.

(34) On January 8, 1980, the State of Michigan submitted to USEPA a Final Order (APC No. 14-1979) requested of the Michigan Air Pollution Control Commission (MAPCC) by the Union Camp Corporation in Monroe County, Michigan. The Order permitted the Union Camp Corporation to burn 2.7% sulfur fuel on an annual average and 4.0% sulfur fuel on a daily average between January 1, 1980 and July 1, 1980. Beginning July 1, 1980 until July 1, 1982 the Company is permitted to burn 2.5% sulfur fuel on an annual average and 4.0% sulfur fuel daily average. Beginning July 1, 1982 until January 1, 1985, the Company is allowed to burn 2.2% sulfur fuel annual average and 3.5% sulfur fuel daily average. After January 1, 1985; the Company has agreed to comply with the SO_2 emission limitations of 1.5% sulfur fuel required in Michigan Rule 336.1401.

(35) On August 4, 1980 and August 8, 1980, the State of Michigan submitted to EPA additional information on the transportation control plan for the Niles, Michigan urbanized area.

(36) On January 10, 1980, the State of Michigan submitted to USEPA a Final Order (APC No. 16-1979) issued by the Michigan Air Pollution Control Commission to the Northern Michigan Electric Cooperative Advance Steam Plant. The Order allows the source to continue burning 2.0% sulfur coal (maximum daily average) until January 1, 1985 when the Company must meet the sulfur dioxide (S02) emission limitations in Michigan Rule 336.1401.

(37) On November 26, 1980, the State submitted a schedule to correct plan deficiencies cited by USEPA in its September 9, 1980 notice of proposed rulemaking on a portion of Michigan's Part D TSP control strategy pertaining to iron and steel sources. On April 1, 1981, the State submitted a revised schedule. USEPA has not taken action on the schedule submitted by the State.

(38) On April 10, 1981 the Governor of Michigan committed to annually administer and submit the questionnaire developed for the purposes of Section 128.

(39) On July 28, 1980, the State of Michigan submitted to EPA, as revisions to the Michigan SIP, amendments to Rules 283 and 610 of the Michigan Air Pollution Control Commission.

(40) Revised compliance schedules were submitted by the State of Michigan, Department of Natural Resources (MDNR) to EPA on January 14, 1981, for the Dundee Cement Company, Monroe County (Michigan Final Order, APC No. 16—1980, adopted November 19, 1980). The revised Order provides an earlier final compliance date of December 31, 1980 for reducing the particulate matter emissions to 0.20 pounds per 1,000 pounds of exhaust gases and December 31, 1981 for visible emission reductions from the Company's cement kilns.

(41) On April 25, 1979, the State submitted materials which satisfy the intergovernmental consultation process.

(42) On July 28, 1980, the State submitted an amendment to Michigan Air Pollution Control Commission Rule 221 which exempts minor sources of particulate matter and sulfur dioxide from the offset requirements.

(43) On August 25, 1981, the State of Michigan, Department of Natural Resources (MDNR), submitted to EPA Consent Order No. 16-1981 for the Marathon Oil Company in Muskegon County. Consent Order No. 16-1981 satisfies USEPA's conditional approval of R336.1603 by providing detailed compliance schedules containing the increments of progress required by 40 CFR Part 51.15.

(44) On September 1, 1981, the State of Michigan, Department of Natural Resources (MDNR) submitted to USEPA a revision to its R336.1220 requiring offsets in ozone nonattainment areas to exempt the same compounds listed in EPA's FEDERAL REGIS-

TER of July 22, 1980 (45 FR 48941). The revised R336.1220 also allows offsets of emissions for new sources in any of the seven counties in the southeastern Michigan ozone nonattainment area to be obtained from any of those counties, not just the county in which the new source is locating (Wayne, Oakland, Macomb, St. Clair, Washtenaw, Livingston, and Monroe).

(45) On May 24, 1980, the State of Michigan, Department of Natural Resources (MDNR) submitted Consent Order APC No. 10-1979 for the Buick Motor Division Complex (BMDC) of the Buick Motors Division, General Motors Corporation. The BMDC is located in the City of Flint, Genesee County, a primary nonattainment area. On December 2, 1980, supplementary information was submitted by MDNR. The Consent Order contains enforceable emission limitations and control measures for the attainment of the primary TSP standards in Genesee County by December 31, 1982.

(46) On July 17, 1980, the State of Michigan, Department of Natural Resources (MDNR) submitted Consent Order APC No. 01-1980 for the Grey Iron Casting Plant and the Nodular Iron Casting Plant, of the Chevrolet Motor Division, General Motors Corporation. The two plants are located in Saginaw County, a primary nonattainment area. On September 5, 1980 and February 6, 1981, supplementary information was submitted by MDNR. The Consent Order contains enforceable emission limitations and control measures for the attainment of the primary TSP standards in Saginaw County by December 31, 1982.

(47) On March 4, 1981, the State of Michigan, Department of Natural Resources (MDNR) submitted Consent Order APC No. 12-1980 for the New Haven Foundry located in Macomb County, a secondary nonattainment area. The Consent Order contains enforceable emission reductions to achieve the secondary TSP standards by June 30, 1985.

(48) On May 1, 1981, the State of Michigan, through the Department of Natural Resources, submitted Consent Order 07-1981 for the Detroit Edison Company, Boulevard Heating Plant located in the City of Detroit, Wayne County. Under Michigan Rule 336.1331(1)(a), the plant was restricted to a particulate emission limit of 0.45 pounds of particulate per 1000 pounds flue gas or an equivalent of 410 tons per year. The Consent Order, pursuant to Michigan Rule 333.1331(1)(d), establishes a new limitation for the Boulevard Plant of 0.65 pounds per 1000 pounds of flue gas with a daily limit of 0.9 tons per day and 10 tons per year.

Pursuant to the provisions of 5 U.S.C. 605(b), the Administrator certified on January 27, 1981 (46 FR 8709) that the attached rule will not have a significant economic impact on a substantial number of small entities.

(49) On March 7, 1980 and April 21, 1981 the State of Michigan submitted particulate studies for the Detroit area. These studies satisfy EPA's conditional approval and the State's commitment.

(50) On October 22, 1981, the State of Michigan submitted as a SIP revision Consent Order No. 17-1981, between Conoco, Inc., and the Michigan Air Pollution Control Commission. The Consent Order establishes a compliance schedule for Conoco, Inc. to achieve the Volatile Organic Compounds (VOC) limitations in R336.1609 by December 31, 1982.

(51) On December 27, 1979, the State of Michigan, Department of Natural Resources (MDNR), submitted to EPA a revision to the State Implementation Plan (SIP) for Lead. On February 9, 1981, the State of Michigan submitted a letter clarifying provisions of its Lead SIP. The SIP provides for the implementation of measures for controlling lead emissions for the attainment and maintenance of the national ambient air quality standards for lead in Michigan by October 31, 1982.

(52) On June 26, 1981, the State of Michigan, Department of Natural Resources, submitted to EPA Consent Order No. 12-1981 for controlling particulate emissions from the liquid waste incinerator in Building 830 at the Dow Chemical Company's Midland plant. The Consent Order provides a schedule which establishes a

final particulate emissions compliance date of October 1, 1982.

(53) On August 24, 1981, the State of Michigan, Department of Natural Resources, submitted to EPA Consent Order APC No. 19-1981 for controlling particulate emissions from Dow's West Side and South Side powerplants. On October 16, 1981, the State of Michigan submitted a letter to EPA clarifying specific sections intended for EPA's rulemaking action. All particulate emission sources at Dow must comply with various parts of Michigan's SIP by December 31, 1985. The Consent Order does not interfere with the attainment of the primary particulate NAAQS standard by December 31, 1982 or the secondary particulate NAAQS by October 1, 1984.

(54) On December 16, 1981, the State of Michigan submitted to EPA Consent Order APC No. 21-1981 for the Monitor Sugar Company. Consent Order APC No. 21-1981 provides for additional controls on its coal-fired boilers, 1, 2, 3, and 4 and establishes a final compliance date of October 15, 1982 for attaining the primary National Ambient Air Quality Standards.

(55) On January 7, 1982, the State of Michigan submitted to EPA Consent Order APC No. 23-1981 for the Traverse City Board of Light and Power. Consent Order APC No. 23-1981 limits the company's operation of its No. 1 and No. 2 coal-fired boilers after December 31, 1982; provides for additional controls on its No. 4 coal-fired boiler; and establishes a final compliance date of December 31, 1982.

(Secs. 110(a), 126, 128, 172, 319 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7426, 7428, 7502, 7601(a), 7619))

[37 FR 10873, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1170, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: At 47 FR 21535, May 19, 1982, paragraphs (c)(54) and (55) were added to § 52.1170, effective July 19, 1982.

§ 52.1171 Classification of regions.

The Michigan plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Metropolitan Detroit-Port Huron Intrastate	I	I	III	III	III
Metropolitan Toledo Interstate	I	I	III	III	I
South Central Michigan Intrastate	II	II	III	III	III
South Bend-Elkhart (Indiana)-Benton Harbor (Michigan) Interstate	I	IA	III	III	III
Central Michigan Intrastate	II	III	III	III	III
Upper Michigan Intrastate	III	III	III	III	III

[37 FR 10873, May 31, 1972, as amended at 39 FR 16346, May 8, 1974; 45 FR 29801, May 6, 1980]

§ 52.1172 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Michigan's plan for the attainment and maintenance of the National Ambient Air Quality Standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plan satisfies all requirements of Part D, Title I of the Clean Air Act as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

[45 FR 29801, May 6, 1980]

§ 52.1173 Control Strategy: Particulates.

(a) Part D—Disapproval—The following specific revisions to the Michigan Plan are disapproved: Rule 336.1331, Table 31, Item C:

(1) Open Hearth Furnaces,
(2) Basic Oxygen Furnaces,
(3) Electric Arc Furnaces,
(4) Sintering Plants,
(5) Blast Furnaces,
(6) Heating and Reheating Furnaces.

(b) Part D—Conditional Approval—The Michigan overall Plan for primary and secondary nonattainment areas is approved provided that the following conditions are satisfied:

(1) The State officially adopts final industrial fugitive regulations that represent RACT for traditional sources and submits these finally effective regulations to USEPA by January 31, 1981.

(2) The State adopts and submits regulations reflecting RACT for Basic Oxygen Furnaces, Electric Arc Furnaces, Sintering Plants, Blast Furnaces and Heating and Reheating Furnaces.

(3) Rule 336.1331, Table 31, Item C: Coke Oven Preheater Equipment Effective After July 1, 1979—The State clarifies the compliance test method to include measurement of the whole train.

(4) Rule 336.1349—The State submits consent orders containing enforceable increments insuring reasonable further progress for each source subject to Rules 336.1350-336.1357.

(5) Rule 336.1350—The State adopts and submits an acceptable inspection method for determining compliance with the rule.

(6) Rule 336.1352—The State adopts and submits the following clarifications to the rule: (a) The rule regulates emissions from the receiving car itself during the pushing operation; (b) in the phrase "eight consecutive trips," "consecutive" is defined as "consecutively observed trips"; (c) the word "trips" is defined as "trips per battery" or "trips per system"; (d) the 40% opacity fugitive emissions limitation refers to an instantaneous reading and not an average; (e) the method of reading opacity is defined.

(7) Rule 336.1353—The State adopts and submits: (a) An acceptable test methodology for determining compliance with the rule; and (b) a clarification that the exception to the visible emission prohibition of 4% of standpipe emission points refers to "operating" ovens.

(8) Rule 336.1356—The State adopts and submits a clarification of the test methodology to determine compliance with the rule.

(9) Rule 336.1357—The State adopts and submits a clarification of the test methodology to determine compliance with the rule.

(10) The State adopts and submits a regulation reflecting RACT for coke battery combustion stacks.

(11) The State adopts and submits an acceptable test method for application of Rule 336.1331, Table 32 to quench towers, or, in the alternative, adopts and submits a limitation reflecting RACT for quench tower emissions based on the quantity of total dissolved solids in the quench water.

(12) The State adopts and submits rules requiring RACT for scarfing emissions.

(13) Part 10 Testing—The State adopts and submits the following clarifications to the test methods: (a) Testing of fugitive emissions from blast furnaces are conducted during the cast; (b) the starting and ending period is specified for basic oxygen furnaces (for both primary and secondary emissions generating operations), electric arc furnaces and for each of the three emission points at sinter plants.

(14) The State conducts additional particulate studies in the Detroit area by September, 1980.

(Secs. 110 and 172 of the Clean Air Act, as amended (42 U.S.C. 7410 and 7502))

[46 FR 27931, May 22, 1981]

§ 52.1174 Control Strategy: Ozone.

(a) Part D—Conditional Approval—Michigan Rules 336.1603 and 336.1606 are approved provided that the following conditions are satisfied:

(1) Rule 336.1603—The State submits detailed compliance schedules containing increments of progress by March 31, 1981 for sources with final compliance dates prior to December 31, 1982 and by September 30, 1981 for

sources with final compliance dates beyond December 31, 1982.

(2) Rule 336.1606—The State either promulgates a rule with a 120,000 gallon per year throughput exemption for gasoline dispensing facilities and submits it to USEPA or demonstrates that allowable emissions resulting from the application of its existing rule with 250,000 gallon per year throughput exemption for gasoline dispensing facilities are less than five percent greater than the allowable emissions resulting from the application of the CTG presumptive norm. The State must comply with this condition by May 6, 1981, and any necessary regulations must be finally promulgated by the State and submitted to USEPA by September 30, 1981.

(Secs. 110, 172 and 301 of the Clean Air Act, as amended, (42 U.S.C. 7410, 7502, 7601(a)))
[45 FR 58528, Sept. 4, 1980]

§ 52.1175 Compliance schedules.

(a) The requirements of § 51.15(a)(2) of this chapter as of May 31, 1972, (36 FR 22398) are not met since Rule 336.49 of the Michigan Air Pollution Control Commission provides for individual compliance schedules to be submitted to the State Agency by January 1, 1974. This would not be in time for submittal to the Environmental Protection Agency with the first semiannual report.

(b) [Reserved]

(c) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(d) *Federal compliance schedules.* (1) Except as provided in paragraph (d)(3) of this section, the owner or operator of any stationary source subject to the following emission-limiting regulations in the Michigan implementation plan shall comply with the applicable compliance schedule in paragraph (d)(2) of this section: Air Pollution Control Commission, Department of Public Health, Michigan Rule 336.49.

(2) *Compliance schedules.* (i) The owner or operator of any boiler or furnace of more than 250 million Btu per hour heat input subject to Rule 336.49 and located in the Central Michigan Intrastate AQCR, South Bend-Elkhart-Benton Harbor Interstate AQCR, or Upper Michigan Intrastate AQCR (as defined in Part 81 of this title) shall notify the Administrator, no later than October 1, 1973, of his intent to utilize either low-sulfur fuel or stack gas desulfurization to comply with the limitations effective July 1, 1975, in Table 3 or Table 4 of Rule 336.49.

(ii) Any owner or operator of a stationary source subject to paragraph (d)(2)(i) of this section who elects to utilize low-sulfur fuel shall take the following actions with respect to the source no later than the dates specified.

(*a*) November 1, 1973—Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with Table 3 of Rule 336.49 on July 1, 1975, and for at least one year thereafter.

(*b*) December 31, 1973—Sign contracts with fuel suppliers for projected fuel requirements.

(*c*) January 31, 1974—Submit a statement as to whether boiler modifications will be required. If modifications will be required, submit plans for such modifications.

(*d*) March 15, 1974—Let contracts for necessary boiler modifications, if applicable.

(*e*) June 15, 1974—Initiate onsite modifications, if applicable.

(*f*) March 31, 1975—Complete onsite modifications, if applicable.

(*g*) July 1, 1975—Achieve final compliance with the applicable July 1, 1975, sulfur-in-fuel limitation listed in Table 3 of Rule 336.49.

(iii) Any owner or operator of a stationary source subject to paragraph (d)(2)(i) of this section who elects to utilize stack gas desulfurization shall take the following actions with respect to the source no later than the dates specified.

(*a*) November 1, 1973—Let necessary contracts for construction.

(*b*) March 1, 1974—Initiate onsite construction.

(*c*) March 31, 1975—Complete onsite construction.

(*d*) July 1, 1975—Achieve final compliance with the applicable July 1, 1975, emission limitation listed in Table 4 of Rule 336.49.

(*e*) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by July 1, 1975. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(iv) The owner or operator of any boiler or furnace of more than 250 million Btu per hour heat input subject to Rule 336.49 and located in the Central Michigan Intrastate AQCR, South Bend-Elkhart-Benton Harbor Interstate AQCR, or Upper Michigan Intrastate AQCR shall notify the Administrator, no later than January 31, 1974, of his intent to utilize either low-sulfur fuel or stack gas desulfurization to comply with the limitation effective July 1, 1978, in Table 3 or Table 4 of Rule 336.49.

(v) Any owner or operator of a stationary source subject to paragraph (d)(2)(iv) of this section who elects to utilize low-sulfur fuel shall take the following actions with respect to the source no later than the dates specified.

(*a*) October 15, 1976—Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with Table 3 of Rule 336.49 on July 1, 1978, and for at least one year thereafter.

(*b*) December 31, 1976—Sign contracts with fuel suppliers for projected fuel requirements.

(*c*) January 31, 1977—Submit a statement as to whether boiler modifications will be required. If modifications will be required, submit plans for such modifications.

(*d*) March 15, 1977—Let contracts for necessary boiler modifications, if applicable.

(*e*) June 15, 1977—Initiate onsite modifications, if applicable.

(*f*) March 31, 1978—Complete onsite modifications, if applicable.

(*g*) July 1, 1978—Achieve final compliance with the applicable July 1, 1978, sulfur-in-fuel limitation listed in Table 3 of Rule 336.49.

(vi) Any owner or operator of a stationary source subject to paragraph (d)(2)(iv) of this section who elects to utilize stack gas desulfurization shall take the following actions with regard to the source no later than the dates specified.

(*a*) November 1, 1976—Let necessary contracts for construction.

(*b*) March 1, 1977—Initiate onsite construction.

(*c*) March 31, 1978—Complete onsite construction.

(*d*) July 1, 1978—Achieve final compliance with the applicable July 1, 1978, mission limitation listed in Table 4 of Rule 336.49.

(*e*) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by July 1, 1978. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(vii) Any owner or operator subject to a compliance schedule above shall certify to the Administrator, within five days after the deadline for each increment of progress in that schedule, whether or not the increment has been met.

(3) (i) Paragraphs (d) (1) and (2) of this section shall not apply to a source which is presently in compliance with Table 3 or Table 4 of Rule 336.49 and which has certified such compliance to the Administrator by October 1, 1973. The Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(4) Nothing in this paragraph shall preclude the Administrator from pro-

mulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (d)(2) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(e) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.6 and § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

MICHIGAN

Source	Location	Regulations involved	Date schedule adopted	Final compliance date
ALLEGAN COUNTY				
Plainwell Paper Co	Plainwell	336.44, 46	Mar. 14, 1973	June 30, 1975.
Menasha Corp	Oteso	336.49	do	Dec. 31, 1977.[2]
ALPENA COUNTY				
National Gypsum Co. (Huron Cement Division Plant).	Alpena	336.44	Sept. 25, 1973	Apr. 1, 1973.[3]
BARAGA COUNTY				
Upper Peninsula Power Co	L'Anse	336.44, 46	July 25, 1973	Aug. 1, 1975.[3]
Consumers Power Company (Karn Plant Units 1 and 2.).	Esserville	336.49	Sept. 18, 1973	Jan. 1, 1980.
Consumers Power Company (Weadock Plant Units 7 and 8).	do	336.49	do	Do.
BERRIEN COUNTY				
Conoco, Inc.	Berrien County	R336.1603, R336.1609.	Sept. 26, 1981	Dec. 31, 1982.
CHARLEVOIX COUNTY				
East Jordon Iron Works, Inc	East Jordon	336.44	Sept. 25, 1973	Oct. 1, 1974.
Medusa Cement Co	Charlevois	336.44, 46	Aug. 14, 1973	Feb. 28, 1974.
Northern Michigan Electric Cooperative Advance Steam Plant.	Boyne City	336.1401 (336.49).	Jan. 10, 1980	Jan. 1, 1985.
EATON COUNTY				
Lansing Board of Water and Light (Erickson Station)	Lansing	336.49	Mar. 14, 1973	July 1, 1975.[2] July 1, 1977.[3]
EMMET COUNTY				
Penn-Dixie Cement Corp	Resort Township.	336.44	Jan. 18, 1974	May 1, 1974
GENESEE COUNTY				
GMC Flint Assembly Plant (Chevrolet Div.)	Flint	336.49	Mar. 21, 1973	July 1, 1978.[3]
GMC Fisher Body Div.:				
(a) Cold Water Rd	do	do	Mar. 28, 1973	Do.
(b) No. 1 GMC	do	do	do	Do.
Buick Motor Division	City of Flint	R336.1301	May 5, 1980	Dec. 31, 1982.
HURON COUNTY				
Hercules, Inc	Harbor Beach	336.49	Mar. 16, 1973	July 1, 1975.[1] July 1, 1978.[2]
Detroit Edison (Harbor Beach Plant)	do	336.49	Nov. 9, 1973	Jan. 1, 1980.
INGHAM COUNTY				
Morton Wheel Corp. (Centrifuse Div.):				
(a) Electric Arc Fur 1 & 2	Lansing	336.44, 46	Sept. 25, 1973	Aug. 1, 1975.

MICHIGAN—Continued

Source	Location	Regulations involved	Date schedule adopted	Final compliance date
(b) Electric Arc Fur	do	do	do	Dec. 1, 1975.
Lansing Board of Water and Light (Eckert Station):				
All units	do	336.49	Mar. 14, 1973	July 1, 1975.[2] July 1, 1977.[3]
(a) Units 1-3	do	336.44, 49	do	Do.
(b) Units 4-5	do	336.44, 46	do	Oct. 1, 1975.
(c) Unit 6	do	do	do	Dec. 1, 1974.
Lansing Board of Water and Light (Moores Park Station): Units 11-14.	do	336.49	do	July 1, 1975.[2] July 1, 1977.[3]
Lansing Board of Water and Light (Ottawa Station): Units 1-5.	do	do	do	July 1, 1975.[2] July 1, 1977.[3]
IONIA COUNTY				
Extruded Metals	Belding	336.44, 46	Mar. 30, 1973	May 31, 1974.
MACOMB COUNTY				
Ford Motor Co	Sterling Hts	336.49	Mar. 14, 1973	July 1, 1975.[1] July 1, 1978.[2]
New Haven Foundry	Macomb County	R336.1301, R336.1331, R336.1901.	Aug. 14, 1980	June 30, 1985.
MARQUETTE COUNTY				
The Cleveland Cliffs Iron Co. (Pelletizing Unit)	Humbolt	336.44, 46	Mar. 14, 1973	Dec. 1, 1976.[3]
The Cleveland Cliffs Iron Co. (Pelletizing Units Nos. 1, 2).	Republic	336.44, 46	do	Feb. 1, 1975.
MIDLAND COUNTY				
Dow Chemical	Midland	336.44, 46	Dec. 3, 1973	Apr. 1, 1975.
Dow Building 830	do	R336.1331	June 15, 1982	Oct. 1, 1982.
Dow Chemical	do	R336.1301 and R336.1331.	July 21, 1982	Dec. 31, 1985.
MONROE COUNTY				
Consolidated Packing Corp. Boiler 8	Monroe	336.44, 46	Mar. 23, 1973	Jan. 5, 1974.
Detroit Edison (Monroe Plant) Units 1-4	do	336.49	Sept. 13, 1973	Jan. 1, 1980.
Detroit Edison (Monroe plant)	do	336.49	July 7, 1977	Jan. 1, 1985.
Dundee Cement Company	Dundee	336.41, 44 (336.1301, 336.1331).	Oct. 17, 1979	Dec. 31, 1983.
Do	do	336.1301 and 336.1331.	Nov. 19, 1980	Dec. 31, 1981.
Union Camp	Monroe County	336.1401 (336.49)	Jan. 3, 1980	Jan. 1, 1985.
MUSKEGON COUNTY				
Consumers Power Company (B. C. Cobb)	Muskegon	336.1401 (336.49)	Dec. 10, 1979	Jan. 1, 1985.
Tech-Cast, Inc	Montague	336.44	Mar. 14, 1973	Dec. 31, 1974.
S. D. Warren Co	Muskegon	336.49 (336.1401).	Oct. 31, 1979	Nov. 1, 1984.
Marathon Oil	do	336.1603	July 31, 1981	Dec. 31, 1982.
OAKLAND COUNTY				
Fisher Body Division (GMC) (Pontiac)	Pontiac	336.49	May 21, 1973	July 1, 1975.[1] July 1, 1978.[2]
Truck & Coach Division (GMC) (No. 3 GMC)	do	336.49	do	July 1, 1975.[1] July 1, 1978.[2]
OTSEGO COUNTY				
U.S. Plywood, Division of Champion Papers	Gaylord	336.44, 46	June 16, 1973	Dec. 13, 1974.

MICHIGAN—Continued

Source	Location	Regulations involved	Date schedule adopted	Final compliance date
OTTAWA COUNTY				
Consumer Power (Campbell Plant)	West Olive	336.49	Sept. 18, 1973	Jan. 1, 1980.
Holland Board of Public Works	Holland	336.44, 46	Mar. 30, 1973	June 1, 1975.
SAGINAW COUNTY				
GMC Saginaw Steering Gear Saginaw: Plant 2 (Power Boiler 1, 2) Plant 3, Boilers 1-5.	Saginaw	336.49	Mar. 30, 1973	July 1, 1978.[3]
Grey Iron Casting and Nodular Iron Casting Plants	do	R336.1301	Apr. 16, 1980	Dec. 31, 1982.
ST. CLAIR COUNTY				
The Detroit Edison Co	Marysville	336.49	Mar. 14, 1973	July 1, 1975.[1] July 1, 1978.[2]
Detroit Edison	Port Huron	336.49	Mar. 14, 1973	July 1, 1975.[1] July 1, 1978.[2]
Detroit Edison Unit 6	East China Township.	336.41	Oct. 11, 1978	Dec. 31, 1981.
WAYNE COUNTY				
Boulevard Heating Plant	Wayne County	R336.1331	Apr. 28, 1981	Dec. 31, 1982.

[1] For the attainment of the primary standard.
[2] For the attainment of the secondary standard.
[3] For the maintenance of the secondary standard.

(f) The compliance schedules for the sources identified below are disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

MICHIGAN

Source	Location	Regulation involved	Date schedule adopted
BAY COUNTY			
Consumer Power (Karn Plant)	Essexville	336.44	Sept. 18, 1973.
OTTAWA COUNTY			
Consumer Power Co. (Campbell Plant Units 1, 2)	West Olive	336.44	Sept. 18, 1973.

(Secs. 110, 301(a), 313, 319, Clean Air Act (42 U.S.C. 7410, 7601(a), 7613, 7619))

[37 FR 10873, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1175, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1176 Review of new sources and modifications. [Reserved]

[37 FR 10373, May 31, 1972]

§ 52.1177 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect information presented in Michigan's plan, except where noted.

Air quality control region and nonattainment area	Pollutant						
	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
South Bend-Elkhart-Benton Harbor Interstate (AQCR 82):							
a. Primary/Secondary Nonattainment Areas	a	f	a	a	c	c	d
b. Remainder of AQCR	c	c	c	c	c	c	d
Central Michigan Intrastate (AQCR 122):							
a. Primary/Secondary	d	f	d	a	c	d	d
b. Remainder of AQCR	c	c	c	c	c	c	b
Metropolitan Detroit-Port Huron Intrastate (AQCR 123):							
a. Primary/Secondary	d	f	a	c	c	e	e
b. Remainder of AQCR	c	c	c	c	c	c	b
Metropolitan Toledo Interstate (AQCR 124):							
a. Primary/Secondary	a	f	a	c	c	c	e
b. Remainder of AQCR	c	c	c	c	c	c	b
South Central Michigan Intrastate (AQCR 125):							
a. Primary/Secondary	d	f	d	a	c	c	e
b. Remainder of AQCR	c	c	c	c	c	c	b
Upper Michigan Intrastate (AQCR 126):							
a. Primary/Secondary	c	f	c	c	c	c	d
b. Remainder of AQCR	c	c	c	c	c	c	b

NOTE 1: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable. These dates may be changed through revisions to the SIP by the State.

NOTE 2: Sources subject to the plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with these requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.727.

NOTE 3: For actual nonattainment designations, refer to 40 CFR Part 81.

a. July 1975.
b. Air quality levels presently below primary standards or area is unclassified.
c. Air quality levels presently below secondary standards or area is unclassified.
d. December 31, 1982.
e. December 31, 1987.
f. July 31, 1985.

(Secs. 110(a), 172 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, 7601(a)))

[45 FR 37196, June 2, 1980]

§ 52.1178 Maintenance of national standards.

(a) The areas listed below are hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Detroit Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Macomb County, Oakland County, and Wayne County.

(2) Toledo Interstate Air Quality Maintenance Area (Michigan Portion).

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Monroe County.

[40 FR 23754, June 2, 1975]

§ 52.1179 [Reserved]

§ 52.1180 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Michigan.

(c) All applications and other information required pursuant to § 52.21 from sources located in the State of Michigan shall be submitted to the Michigan Department of Natural Resources, Air Quality Division, P.O. Box 30028, Lansing, Michigan 48909.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[45 FR 8299, Feb. 7, 1980; 45 FR 52741, Aug. 7, 1980]

§ 52.1181 Interstate pollution.

(a) The requirements of Section 126(a)(1) of the Clean Air Act as amended in 1977 are not met since the state has not submitted to EPA, as a part of its State Implementation Plan, the procedures on which the state is relying to notify nearby states of any proposed major stationary source which may contribute significantly to levels of air pollution in excess of the National Ambient Air Quality Standards in that state.

(Sec. 110(a), 126 and 128 of the Clean Air Act as amended (42 U.S.C. 7410(a), 7426 and 7428))

[46 FR 30084, June 5, 1981]

§ 52.1182 State boards.

(a) The requirements of Section 128 of the Clean Air Act as amended in 1977 are not met since the state has not submitted to EPA, as a part of its State Implementation Plan, the measures on which the state is relying to insure that the Air Pollution Control Commission contains a majority of members who represent the public interest and do not derive a significant portion of their income from persons subject to permits or enforcement orders under the Act and that the board members adequately disclose any potential conflicts of interest.

(Sec. 110(a), 126 and 128 of the Clean Air Act as amended (42 U.S.C. 7410(a), 7426 and 7428))

[46 FR 30084, June 5, 1981]

Subpart Y—Minnesota

§ 52.1220 Identification of plan.

(a) Title of plan: "Implementation Plan to Achieve National Ambient Air Quality Standards."

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) A revised copy of the State emergency episode criteria was forwarded on February 7, 1972. (Non-regulatory)

(2) Information concerning intergovernmental cooperation was submitted by the Minnesota Pollution Control Agency on March 27, 1972.

(3) Certification that the State had adopted amendments to APC-1, 3, 4, 11, and 15, adopted a new air pollution control regulation (APC-16) and projected manpower resources was submitted by the State on April 28, 1972.

(4) An opinion on the availability of emission data to the public and evaluation of regulation concerning new construction was submitted by the State Attorney General's office on June 15, 1972. (Non-regulatory)

(5) A revised version of the State's regulation APC-3 was submitted by the Governor on July 25, 1972.

(6) On June 8, 1973, the Governor of Minnesota submitted a transportation control plan for the Minneapolis-St. Paul Intrastate Air Quality Control Region.

(7) Information concerning the transportation control plan was submitted on June 18, 1973, by the Minnesota Pollution Control Agency.

(8) Compliance schedules were submitted on June 28, 1973, by the Minnesota Pollution Control Agency.

(9) Information concerning the transportation control plan was submitted on July 30, 1973, by the Metropolitan Transit Commission.

(10) Information concerning the transportation control plan was submitted on August 1, 1973, by the Minnesota Department of Highways.

(11) Compliance schedules were submitted on August 9, 1973, by the Minnesota Pollution Control Agency.

(12) On November 15, 1974, the Governor of Minnesota submitted recommended Air Quality Maintenance Area identifications.

(13) A request for an extension of the statutory timetable for the submittal of the portion of the Minnesota State Implementation Plan implementing the National Secondary Ambient Air Quality Standards for total suspended particulates was submitted by the Executive Director of the Minnesota Pollution Control Agency on January 8, 1979 and was supplemented with additional information on March 9, 1979.

(14) A transportation control plan for the St. Cloud Metropolitan Area was submitted on May 17, 1979 by the Minnesota Pollution Control Agency.

(15) Transportation control plans for the Metropolitan Areas of Duluth, Rochester and Minneapolis-St. Paul were submitted on July 3, 1979 and July 23, 1979 by the Minnesota Pollution Control Agency.

(16) On March 5, 1980, the State of Minnesota submitted a revision to provide for modification of the existing air quality surveillance network. An amendment to the revision was submitted by the State of Minnesota on June 2, 1980.

NOTE: At 46 FR 20997, Apr. 8, 1981, the following paragraph (c) (16) was added to § 52.1220 and will be correctly designated by an EPA document published in the FEDERAL REGISTER at a later date.

(16) The sulfur dioxide control plan and revised operating permits for the Rochester and Twin Cities nonattainment areas were submitted by the State of Minnesota on July 17, 1980 and August 4, 1980. Amendments to the control plans were submitted on September 4, 1980. EPA's approval of the control plan includes approval of the emission limitations contained in the revised operating permits.

(17) [Reserved]

(18) Stipulation Agreement between the State Pollution Control Agency and Erie Mining Company submitted by the State on February 20, 1981.

(19) On July 29, 1981, the Minnesota Pollution Control Agency submitted an amendment to the transportation control plan for the Minneapolis-St. Paul Metropolitan Area.

(20) On August 4, 1980, and October 17, 1980, the State submitted its total suspended particulate Part D control plans for the Twin Cities Seven County Metropolitan Area and the City of Duluth. As part of the control strategies the State on January 5, 1981 submitted rule APC-33 and on January 23, 1981 further submitted amended and new rules. The amended and new rules that control total suspended particulate (TSP) emissions are: Amended APC-2, APC-4, APC-5, APC-7, APC-11; and new APC-18, APC-21, APC-22, APC-23, APC-24, APC-25, APC-26, APC-28, APC-29, and APC-32. Regulations APC-4, APC-24, and APC-32 are only approved as they apply to TSP emissions.

(21) On January 23, 1981, the State submitted new rules and amendments to some of their previously approved rules. On November 17, 1981, the State submitted amendments to APC-33. On May 6, 1982 (47 FR 19520), EPA approved some of the rules insofar as they applied to the total suspended particulate strategy for the Twin Cities Seven County Metropolitan Area and the City of Duluth. The remainder of the rules are:

(i) Those portions of APC-4, APC-24, and APC-32 which control emissions of sulfur dioxide, nitrogen dioxide, and carbon monoxide; (ii) the amendments to APC-33; and (iii) APC-8, APC-12, APC-13, APC-15, APC-16, APC-19 and APC-39.

(Secs. 110, 172 and 319 of the Clean Air Act as amended (42 U.S.C. 7410, 7502, 7601(a) and 7619))

[37 FR 10874, May 31, 1972, as amended at 41 FR 8962, Mar. 2, 1976; 44 FR 50601, Aug. 29, 1979; 44 FR 72117, Dec. 13, 1979; 45 FR 40581, June 16, 1980; 46 FR 15139, Mar. 4, 1980; 46 FR 20997, Apr. 8, 1981; 46 FR 57896, Nov. 27, 1981; 46 FR 59973, Dec. 8, 1981; 47 FR 19522, May 6, 1982; 47 FR 26624, June 21, 1982]

Effective Date Note: At 47 FR 26624, June 21, 1982, paragraph (c)(21) was added to § 52.1220, effective July 21, 1982.

§ 52.1221 Classification of regions.

The Minnesota plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Central Minnesota Intrastate	II	III	III	III	III
Southeast Minnesota-La Crosse (Wisconsin) Interstate	II	Ia	III	III	III
Duluth (Minnesota)-Superior (Wisconsin) Interstate	I	II	III	III	III
Metropolitan Fargo-Moorhead Interstate	II	III	III	III	III
Minneapolis-St. Paul Intrastate	I	I	III	I	III
Northwest Minnesota Intrastate	II	III	III	III	III
Southwest Minnesota Intrastate	III	III	III	III	III

[37 FR 10874, May 31, 1972, as amended at 39 FR 16346, May 8, 1974]

§ 52.1222 [Reserved]

§ 52.1223 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Minnesota's plans for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plan satisfies all requirements of Part D, Title 1, of the Clean Air Act as amended in 1977, except as noted below.

[45 FR 40581, June 16, 1980]

§ 52.1224 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the plan does not provide for public availability of emission data.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-July 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary

sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

(5) Authority of the Regional Administrator to make available information and data was delegated to the Minnesota Pollution Control Agency effective October 6, 1977.

[37 FR 10874, May 31, 1972, as amended at 40 FR 55330, Nov. 28, 1975; 43 FR 10, Jan. 3, 1978]

§ 52.1225 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Minnesota.

[39 FR 7282, Feb. 25, 1974]

§ 52.1226 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in Minnesota's plan except where noted.

Air quality control region and nonattainment area	TSP		SO_2		NO_x	CO	O_3
	Primary	Secondary	Primary	Secondary			
Central Minnesota Interstate (AQCR-127):							
a. Primary/secondary nonattainment areas.	j	h	h	h	h	f	j.
b. Remainder of AQCR	c	a	d	d	d	d	d.
Southeast Minnesota—LaCrosse (Wisconsin) Interstate (AQCR-128):							
a. Primary/secondary nonattainment areas.	h	i	f	h	h	f	j.
b. Remainder of AQCR	c	a	a	a	d	d	d.
Duluth (Minnesota)—Superior (Wisconsin) Interstate (AQCR-129):							
a. Primary/secondary nonattainment areas.	f	k	h	h	h	f	j.
b. Remainder of AQCR	a	a	c	a	d	d	d.
Metropolitan Fargo (North Dakota)—Moorhead (Minnesota) Interstate (AQCR-130):.							
a. Primary/secondary nonattainment areas.	h	h	h	h	h	h	h.
b. Remainder of AQCR	c	a	d	d	d	d	d.
Minneapolis-St. Paul Interstate (AQCR-131).	f	h	f	h	h	f	j.
Northwest Minnesota Interstate (AQCR-132):							
a. Primary/secondary nonattainment areas.	h	i	h	h	h	h	h.
b. Remainder of AQCR	c	a	d	d	d	d	d.
Southwest Minnesota Interstate (AQCR-133).	d	d	d	d	d	d	d.

a. July 1975.
b. Five years from plan approval or promulgation.
c. Air quality levels presently below primary standards or area is unclassifiable.
d. Air quality levels presently below secondary standards or area is unclassifiable.
e. Transportation and/or land use control strategy to be submitted no later than April 15, 1976.
f. December 31, 1982.
g. December 31, 1987.
h. Not applicable.
i. Eighteen-month extension granted.
j. Attainment dates to be specified in the future.
k. For the secondary nonattainment area of Duluth, Minnesota, located in AQCR-129, attainment of the secondary standard is to be achieved by December 31, 1985. For all other secondary nonattainment areas within this AQCR the attainment date will be specified in the future.

NOTE 1: For actual nonattainment designations refer to 40 CFR Part 81.

NOTE 2: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

NOTE 3: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.1226.

(Secs. 110(a) and 172 of the Clean Air Act, as amended)

[47 FR 19522, May 6, 1982]

§ 52.1227 Transportation and land use controls.

(a) To complete the requirements of §§ 51.11(b) and 51.14 of this chapter, the Governor of Minnesota must submit to the Administrator:

(1) No later than December 30, 1973, the signed memoranda of intent outlined in section IV(F) of the State transportation control plan.

[38 FR 30833, Nov. 7, 1973]

§ 52.1228 [Reserved]

§ 52.1229 Maintenance of national standards.

(a) The areas listed below are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Duluth Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

City of Duluth.

(2) Minneapolis-St. Paul Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Anoka County, Carver County, Dakota County, Hennepin County, Ramsey County, Scott County, Washington County.

[40 FR 23754, June 2, 1975]

§ 52.1230 Control strategy and rules: Particulates.

(a) *Part D—Conditional Approval.* The attainment demonstration for the Twin Cities Seven County Metropolitan Area and the City of Duluth is approved provided that the following condition for rule APC-29 is satisfied by a specified date. The State submit either an amended APC-29 which contains specific opacity limits that are representative of RACT levels of control; or operating permits and/or stipulation agreements which contain opacity limitations equivalent to reasonable available control technology levels.

(b) *Part D—No Action.* EPA takes no action on the alternative test method provision of Section G contained in rule APC-33.

(Secs. 110(a) and 172 of the Clean Air Act, as amended)

[47 FR 19522, May 6, 1982]

§§ 52.1231—52.1233 [Reserved]

§ 52.1234 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Minnesota.

(c) All applications and other information required pursuant to § 52.21 from sources located in the State of Minnesota shall be submitted to the Minnesota Pollution Control Agency, Division of Air Quality, 1935 West County Road B-2, Roseville, Minn. 55113.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 10, Jan. 3, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.1235 Extensions.

The Administrator hereby extends for eighteen months the statutory timetable for submission of Minnesota's plan for attainment and maintenance of the National Secondary Ambient Air Quality Standards for total suspended particulates in Cloquet, East Grand Forks, the Iron Range, Red Wing, and Silver Bay. The plan is due by July 1, 1980.

[44 FR 50601, Aug. 29, 1979]

Subpart Z—Mississippi

§ 52.1270 Identification of plan.

(a) Title of plan: "Air Implementation Plan for the State of Mississippi."

(b) The plan was officially submitted on February 4, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) A change in the Opacity Regulation, Section 2, Appendix C; addition of testing methods, Section 8, Appendix C; addition of Permit System, Appendix G and deletion of SO_2 regulation, Section 4, Appendix C submitted on May 4, 1972, by the Mississippi Air and Water Pollution Control Commission.

(2) Telegram concerning adoption of plan changes submitted on May 15, 1972, by the Mississippi Air and Water Pollution Control Commission.

(3) House Bill number 680 submitted on May 17, 1972, by the Governor.

(4) Compliance schedule revisions submitted on March 6, 1973, by the Mississippi Air and Water Pollution Control Commission.

(5) Compliance schedule revisions submitted on August 9, 1973, by the Mississippi Air and Water Pollution Control Commission.

(6) AQMA identification material submitted on March 14, 1974, by the Mississippi Air and Water Pollution Control Commission.

(7) Compliance schedules submitted on January 20, 1975, by the Mississippi Air and Water Pollution Control Commission.

(8) Revised regulations for the incineration of cotton ginning waste, submitted on August 30 and November 14, 1977, by the Mississippi Air and Water Pollution control Commission.

(9) Revised regulations for open burning, submitted on October 31, 1977, by the Mississippi Air and Water Pollution Control Commission.

(10) Revised permit regulations, submitted on March 16, 1978, by the Mississippi Air and Water Pollution Control Commission.

(11) Implementation plan revisions for the Jones County, Mississippi total suspended particulate nonattainment area, submitted on March 13, 1979, by the Mississippi Air and Water Pollution Control Commission.

(12) Revised regulation APC S-1, Section 4.2(b), for emissions of sulfur oxides from the incineration of gas streams containing hydrogen sulfide, submitted on July 3, 1978; and permits containing limits on sulfur oxide emissions from individual flares, submitted on September 13, 1979, by the Mississippi Bureau of Pollution Control (see FEDERAL REGISTER of July 10, 1980).

(Secs. 110 and 172, Clean Air Act (42 U.S.C. 7410 and 7502))

[37 FR 10875, May 31, 1972, as amended at 41 FR 8962, Mar. 2, 1976; 43 FR 22358, May 25, 1978; 44 FR 7713, Feb. 7, 1979; 45 FR 2032, Jan. 10, 1980; 45 FR 46384, July 10, 1980]

§ 52.1271 Classification of regions.

The Mississippi plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Mobile (Alabama)-Pensacola-Panama City (Florida)-Gulfport (Mississippi) Interstate	I	I	III	III	I
Metropolitan Memphis Interstate	I	III	III	III	I
Mississippi Delta Intrastate	III	III	III	III	III
Northeast Mississippi Intrastate	II	III	III	III	III

[37 FR 10875, May 31, 1972, as amended at 39 FR 16346, May 8, 1974]

§ 52.1272 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Mississippi's plan for the attainment and maintenance of national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plans satisfy all requirements or Part D, Title I, of the Clean Air Act as amended in 1977.

(Secs. 110 and 172 of the Clean Air Act (42 U.S.C. 7410 and 7502))

[45 FR 2032, Jan. 10, 1980]

§ 52.1273 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information in Mississippi's plan.

Air quality control region	Pollutant						
	TSP		SO		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Mobile (Alabama)-Pensacola-Panama City (Florida) Gulfport (Mississippi) Interstate:							
(a) Jones County Nonattainment Area[1]	d	d	b	b	b	b	b
(b) Rest of AQCR	b	b	c	c	b	b	c
Metropolitan Memphis Interstate	c	c	b	b	b	b	c
Mississippi Delta Intrastate	b	b	b	b	b	b	b
Northeast Mississippi Intrastate	a	c	b	b	b	b	b

a. Air quality levels presently below primary standards.
b. Air quality levels presently below secondary standards.
c. June 1975.
d. December 31, 1982.

[1] Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.1273 (1978).

(Secs. 110 and 172 of the Clean Air Act (42 U.S.C. 7410 and 7502))

[45 FR 2032, Jan. 10, 1980]

§ 52.1274 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as meeting the requirements of §§ 51.6 and 51.15 of this chapter. All regulations are air pollution control regulations of the State.

MISSISSIPPI

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
ADAMS COUNTY					
Calumet Petrochemicals, Inc	Natchez	APC-S-1, Sec. IV.	Feb. 27, 1973	Immediately	May 17, 1974.
T. L. James & Co., Inc	Washington	APC-S-1, Sec. III.	do	do	Do.
Jefferson Davis Memorial	Natchez	do	do	do	Do.
Natchez Charity Hospital	do	do	do	do	Do.
Ricks Lumber Co	do	do	do	do	Do.
Woolco Department Store	do	do	do	do	Do.
Johns-Manville	do	APC-S-1	June 4, 1973	do	Sept. 30, 1973.
Benbuck Lumber Co	do	do	do	do	Sept. 20, 1974.
Stahlman Lumber Co	do	do	do	do	Do.
J. M. Jones Lumber Co., Inc	do	do	do	do	Do.
Natchez Gravel Co	do	do	do	do	Do.
Jitney Jungle No. 3	do	do	do	do	Oct. 30, 1974.
Armstrong Rubber Co., Southern Division.	do	do	do	do	Apr. 12, 1974.
International Paper Co.: a. Recovery Furnace System.	do	do	do	do	May 31, 1973.
International Paper Co.: a. Lime Kiln System.	do	do	do	do	Do.
ALCORN COUNTY					
Biggersville Gin Co	Corinth	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Burnett Gin Co., Inc	Rienzi	do	do	do	Do.
Buckeye Cellulose Corp	Corinth	do	do	do	Do.
East Side Planing Mill	do	do	do	do	May 15, 1974.
Gateway Corp	do	do	do	do	Do.
Do	do	APC-S-1	Dec. 16, 1974	do	Apr. 1, 1975.
Gould, Inc	do	APC-S-1, Sec. III.	do	do	Feb. 22, 1973. May 15, 1974.
ITT Telephone Communication	do	do	do	do	Do.
Kossuth Gin Co	Kossuth	do	do	do	Dec. 1, 1974.
Magnolia Hospital	Corinth	do	do	do	Mar. 16, 1974.
Wilbanks & Coleman	do	do	do	do	Dec. 1, 1974.
Wurlitzer Co	do	do	do	do	May 17, 1974.
Worsham Brothers	do	APC-S-1	June 4, 1973	do	Sept. 19, 1974.
Choate Feed Mill	do	do	do	do	Sept. 20, 1974.
Horton Brothers	do	do	do	do	Aug. 21, 1974.
Corinth Seamless Hosiery Inc	do	do	do	do	Sept. 20, 1974.
Corinth Brick & Tile Co., Inc	do	do	do	do	Do.
Magnolia Hosiery Mill	do	do	do	do	Do.
AMITE COUNTY					
Georgia Pacific Corp	Gloster	APC-S-1	Dec. 16, 1974	Immediately	Mar. 1, 1975.
Hood Lumber Co. of Crosby	Crosby	do	do	do	July 15, 1975.
Hood Lumber Co	do	APC-S-1, Sec. III.	Feb. 27, 1973	do	May 15, 1974.
ATTALA COUNTY					
Attala Lumber Co	Attala	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
C. W. Comfort Gin	Kosciusko	do	do	do	Dec. 1, 1974.
Gibson's of Kosciusko	do	do	do	do	May 17, 1974.
International Paper Co	do	do	do	do	Dec. 1, 1973.
Kosciusko Hosiery Mills	do	do	do	do	May 17, 1974.
McCool Gin	McCool	do	do	do	Dec. 1, 1974.
West Attala Gin Co	Sallis	do	do	do	Do.
The Attala Co	Kosciusko	APC-S-1	June 4, 1973	do	Sept. 20, 1974.
Mississippi Cottonseed Products Co.	do	do	do	do	Do.
The Lawin Co	do	do	do	do	Do.
Sheller Globe Corp. Plant No. 2	do	do	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Sheller Globe Corp. Plant No. 3 (Tee-Pee Burner).	do	do	do	do	Do.
Sheller Globe Corp. Plant No. 3, (Manufacturing).	do	do	do	do	Do.
BENTON COUNTY					
W. T. Akins Gin Co., Inc	Ashland	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
O. L. Brown Gin Co	Lamar	do	do	do	Do.
R. C. Davis Sawmill	Hickory Flat	do	do	do	May 1, 1974.
Early Grone Gin	Lamar	do	do	do	Dec. 1, 1974.
Hopewell Gin Co	Hopewell Community.	do	do	do	Do.
Michigan City Gin Co	Michigan City	do	do	do	Do.
Benton County Co-op	Ashland	APC-S-1	June 4, 1973	do	Sept. 20, 1974.
BOLIVAR COUNTY					
Beulah Gin Co	Beulah	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Choctaw Gin and Elevator Co	Shaw	do	do	do	Do.
Cotton Producer's Gin	Rosedale	do	do	do	July 31, 1975.
Deeson Planting Co	Duncan	do	do	do	Dec. 1, 1974.
Delta Gin of Shelby	Shelby	do	do	do	Do.
Denton Gin Co., Inc	do	do	do	do	Do.
Dossett Plantations, Inc., Gin	Beulah	do	do	do	Do.
Enterprise Gin Co	Gunnison	do	do	do	Do.
Farmers Gin of Duncan	Duncan	do	do	do	Do.
J. J. Ferguson Ready-Mix	Greenwood	do	do	do	May 17, 1974.
Gibson Products Co	Cleveland	do	do	do	Do.
B. J. Green	Benoit	do	do	do	Do.
Green Gin	Scott	do	do	do	Dec. 1, 1974.
Gunnison Planting Seed and Gin	Gunnison	do	do	do	Do
H. B. Hood & Sons Gin Co	do	do	do	do	July 1, 1975.
Hushpuckena Ginning Corp	Shelby	do	do	do	Dec. 1, 1974.
Jones-Pemble Gin Co	Merigold	do	do	do	Do.
Kline Planting Co	Alligator	do	do	do	July 1, 1975.
Mound Bayou Community Hospital.	Mound Bayou	do	do	do	May 17, 1974.
Mound Bayou Gin Co., Inc	do	do	do	do	Dec. 1, 1974.
New Alligator Gin Co	Alligator	do	do	do	July 1, 1975.
O'Reilly Gin Co., Inc	Boyle	do	do	do	Dec. 1, 1974.
Pace Gin Co	Pace	do	do	do	July 1, 1975.
Peoples Gin Co	Shelby	do	do	do	Do.
Planters Gin	Duncan	do	do	do	Do.
Pleasant Gin	Shaw	do	do	do	Dec. 1, 1974.
Presley Gin Co	Alligator	do	do	do	Do.
Prewitt-Reed Gin Co., Inc	Boyle	do	do	do	July 1, 1975.
Progressive Gin Co., Inc	do	do	do	do	Dec. 1, 1974.
Robbins-Long Gin Co	Rosedale	do	do	do	Do.
Robbins-Long Gin Co	Shelby	do	do	do	Do.
Scott Gin and Delinter	Scott	do	do	do	Do.
Scott Hospital.	do	do	do	do	May 17, 1974.
Shelby Gin	Shelby	do	do	do	Dec. 1, 1974.
Thompson Gin Co	Mound Bayou	do	do	do	Do.
Travenol Laboratories	Cleveland	do	do	do	Mar. 16, 1974.
Valley Gin Co	Shelby	do	do	do	Dec. 1, 1974.
Waxhaw Gin Co	Rosedale	do	do	do	Do.
Zumbo Plantation Gin	Cleveland	do	do	do	Do.
Alabama Metal Products Co. (AMP CO) Inc..	Rosedale	APC-S-1	Feb. 28, 1974	do	Sept. 1, 1974.
Bunge Corp	Gunnison	do	Dec. 16, 1974	do	July 31, 1975.
Cleveland Chemical Co	Cleveland	do	June 4, 1973	do	Sept. 20, 1974.
Concrete Products Co	do	do	do	do	Do.
Douglas & Lomason Co	do	do	do	do	Do.
Sanders Elevator Corp	do	do	do	do	Do.
B & G Manufacturing Co	Benoit	do	do	do	Do.
Bolivar County Hospital	Cleveland	do	do	do	June 30, 1973.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
CALHOUN COUNTY					
Boland Gin Co	Calhoun City	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
E. L. Bruce Co., Division of Cook Industries.	Bruce	do	do	do	May 17, 1974.
Calhoun County Hospital	do	do	do	do	Apr. 1, 1973.
Caviness Woodworking Co	Calhoun City	do	do	do	Feb. 24, 1974.
Caviness Woodworking Co. (Incinerator).	do	do	do	do	May 17, 1974.
Davis Gin & Farm Supply, Inc	Bruce	do	do	do	Dec. 1, 1974.
Doolittle Cotton Gin	Slate Springs	do	do	do	Do.
Furniture-Wood Products, Inc	Vardaman	do	do	do	May 17, 1974.
Philips Gin Co	Calhoun City	do	do	do	Dec. 1, 1974.
Vardaman Gin Co., Inc	Vardaman	do	do	do	Do.
Warner Gin Co	Big Creek	do	do	do	Do.
Williams Gin Co	Houlka	do	do	do	Do.
Calhoun County Feed Mill	Calhoun City	APC-S-1	June 4, 1973	do	Sept. 20, 1974.
Calhoun County Garment Co	do	do	do	do	Do.
Brookwood Furniture Co	Bruce	do	do	do	Sept. 22, 1974.
Calhoun Grain & Seed Elevator	do	do	do	do	Sept. 20, 1974.
Blackjack Charcoal Co	do	do	do	do	Do.
Week's Feed & Seed Mill	do	do	do	do	Do.
Vardaman Hospital	Vardaman	do	do	do	Do.
Schoofield Furniture Manufacturing Co.	Calhoun City	do	do	do	Sept. 21, 1974.
Patch Concrete Service Inc	Bruce	do	do	do	Oct. 9, 1974.
D.S.L. Manufacturing Inc	do	do	do	do	May 17, 1974.
CARROLL COUNTY					
Farmers Gin Co., Inc	North Carrollton	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
McCravey Brothers Sawmill	McCorley	do	do	do	May 17, 1974.
Vaiden Gin Co	Vaiden	do	do	do	Dec. 1, 1974.
Anel Engineering Industries Inc	Winona	APC-S-1	June 4, 1973	do	Sept. 21, 1974.
Dresser Minerals	Vaiden	do	do	do	Do.
CHICKASAW COUNTY					
H. B. Carter Co., Inc	Van Vleet	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Chickasaw Handle Co., Inc	Houston	do	do	do	May 17, 1974.
R. W. Coleman Gin	Okolona	do	do	do	Dec. 1, 1974.
Consolidated Package Co., Southern Container Div.	Houston	do	do	do	May 17, 1974.
Houston Hospital, Inc.	do	do	do	do	Jan. 1, 1974.
Okolona Community Hospital	Okolona	do	do	do	Apr. 15, 1974.
Shannon Chair Co	Houston	do	do	do	June 1, 1973.
Trebboc Gin Co	do	do	do	do	Dec. 1, 1974.
U.S. Plastics, Inc.	do	do	do	do	May 17, 1974.
Woodland Gin	Woodland	do	do	do	Dec. 1, 1974.
E. F. Dyer Handle Co	Houston	APC-S-1	Dec. 16, 1974	do	Mar. 20, 1975.
Chickasaw Milling Co	do	do	do	do	Sept. 20, 1974.
S & Y, Inc	do	do	do	do	Do.
Patch Concrete Service, Inc	do	do	do	do	Oct. 9, 1974.
Houston Feed Mills	do	do	do	do	Sept. 15, 1974.
CHOCTAW COUNTY					
Ackerman Planing Mill Co	Ackerman	APC-S-1, Sec. III.	Dec. 16, 1974	Immediately	May 17, 1974.
Fondren & McAdams Sawmill	Mathiston	do	do	do	Do.
CLAIBORNE COUNTY					
Hood Lumber Co	Hermanville	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Sept. 15, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Pickens Brothers Lumber Co., Inc.	Port Gibson	do	do	do	May 17, 1974.
Do	do	APC-S-1	Dec. 16, 1974	do	Do.
Port Gibson Oil Works	do	do	June 4, 1973	do	Sept. 20, 1974.
Kling Construction Co	do	do	do	do	Do.
CLARKE COUNTY					
Gay Doors, Inc	Quitman	APC-S-1, Sec. III.	June 4, 1973	Immediately	May 17, 1974.
Hood Charcoal Co	Pachuta	do	do	do	Jan. 31, 1974.
Mayo Lumber Co	Quiltman	do	do	do	May 17, 1974.
Standard Cotton Gin Co., Inc	do	do	do	do	Sept. 31, 1973.
Morris Feed Mill	Enterprise	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Shell Oil Co., Goodwater plant	Shubuta	do	do	do	Do.
Hood Charcoal Co. Division of Masonite Corp.	Pachuta	do	Feb. 28, 1974	do	Mar. 31, 1974.
Monroe Allen Contract	Enterprise	do	June 4, 1973	do	Sept. 20, 1974.
Koppers Co., Inc	Stonewall	do	do	do	Do.
CLAY COUNTY					
Babcock and Wilcox Co	West Point	APC-S-1, Sec. III.	June 4, 1973	Immediately	Dec. 1, 1973.
Intex Dyeing Finishes	do	do	do	do	May 17, 1974.
Leisure Group, Inc., Blazen Division.	do	do	do	do	Do.
Walters Gin Co	Pheba	do	do	do	Dec. 1, 1974.
Crown Chemical & Mfg. Co	West Point	APC-S-1	do	do	Sept. 20, 1974.
Pennabaker Ready Mix Concrete	do	do	do	do	Do.
Truelove Lumber Co	do	do	do	do	Do.
Winters Dimension Mill	do	do	do	do	Do.
Allied Enterprises of Pheba	Pheba	do	do	do	Do.
Building Service Co	West Point	do	do	do	Do.
Mary Holmes College	do	do	do	do	Do.
Phillips Contracting Co., Columbus.	do	do	do	do	Aug. 15, 1974.
COAHOMA COUNTY					
Adams Gin Co	Clarksdale	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Carr Gin Co	do	do	do	do	Do.
Clarksdale King-Anderson Co	do	do	do	do	Do.
Connell & Co	do	do	do	do	Do.
Cotton Gin Co	Dublin	do	do	do	Do.
County Line Gin Co., Inc	Jonestown	do	do	do	Do.
Eastover Plantation Gin	Bobo	do	do	do	Do.
Eastside Gin Co	Jonestown	do	do	do	Do.
F & S Gin Co	Coahoma	do	do	do	Do.
Farrell Gin Co	Clarksdale	do	do	do	Do.
Flowers Brothers Gin	Dublin	do	do	do	Do.
Flowers Brothers Gin	Tutweiler	do	do	do	Do.
Flowers Gin Co	Mattson	do	do	do	Do.
Garrett Sons Gin	Clarksdale	do	do	do	July 1, 1975.
Jonestown Delta Gin Co	Jonestown	do	do	do	Dec. 1, 1974.
Kyle Manufacturing Co., Inc	Clarksdale	do	do	do	May 17, 1974.
Kyle and Williams Gin, Inc	do	do	do	do	Dec. 1, 1974.
Lula Gin Co	Lula	do	do	do	Do.
Maryland Planting Co	Clarksdale	do	do	do	Do.
Carl C. May Gin	Lula	do	do	do	Do.
Mohead Planting Co	do	do	do	do	July 1, 1975.
Premium Gin Co	Bobo	do	do	do	Do.
Quality Concrete Products	Clarksdale	do	do	do	May 17, 1974.
Rich Gin Co	Rich	do	do	do	Dec. 1, 1974.
L. A. Ross Gin Co	Clarksdale	do	do	do	July 1, 1975.
Rudyard Gin Co., Inc	Coahoma	do	do	do	Dec. 1, 1974.
John H. Sherrard & Sons Gin	Sherrard	do	do	do	Do.
Stovall Gin Co	Stovall	do	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Claremont Gin	Clarksdale	APC-S-1	Dec. 16, 1974	do	Feb. 22, 1975.
Coahoma Chemical Co., Inc	do	do	June 4, 1973	do	Sept. 20, 1974.
Delta Oil Mill, Inc	Jonestown	do	do	do	Do.
Presley Gin Co	Alligator	do	do	do	Dec. 1, 1974.
City of Clarksdale Water & Light Department	Clarksdale	do	do	do	Oct. 25, 1974.
COPIAH COUNTY					
Carpenter's Gin	Carpenter	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Central Box Co	Crystal Springs	APC-S-1	do	do	Mar. 23, 1974.
Copiah County Manufacturing Co.	Hazlehurst	APC-S-1, Sec. III.	do	do	May 17, 1974.
General Equipment Manufacturing, Inc.	Crystal Springs	do	do	do	Do.
Georgetown Gin Co	Georgetown	do	do	do	Dec. 1, 1974.
Edward Hyman Co	Hazlehurst	do	do	do	Apr. 1, 1973.
Kellwood Co., Kingwell Group	Wesson	do	do	do	May 17, 1974.
Kopper's Co., Inc	Georgetown	do	do	do	Do.
Pitt's Cotton Gin	Hazlehurst	do	do	do	Dec. 1, 1974.
Royal Maid, Inc	do	do	do	do	May 17, 1974.
Hardy Wilson Memorial Hospital	do	do	do	do	Do.
Copiah County Manufacturing Co.	do	APC-S-1	Dec. 16, 1974	do	Nov. 15, 1974.
Hazlehurst Box Co	do	do	do	do	July 31, 1975.
Hood Lumber of Georgetown	Georgetown	do	do	do	Dec. 21, 1974.
Emerite Corp	Hazlehurst	do	June 4, 1973	do	Sept. 21, 1974.
Hutchison Lumber Co	Georgetown	do	do	do	Do.
Sanderson Farms Inc	Hazlehurst	do	do	do	Do.
T. L. James & Co	Mississippi Highway 28 east of I-55.	do	do	do	Oct. 15, 1974.
Edward Hines Lumber Co	Hazlehurst	do	do	do	May 17, 1974.
COVINGTON COUNTY					
Mount Olive Compress	Mount Olive	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Seminary Gin Co	Seminary	do	do	do	Do.
W. E. Blain & Son, Inc	Mount Olive	APC-S-1	June 4, 1973	do	Sept. 21, 1974.
Pine Belt Ready Mix Concrete	Collins	do	do	do	Do.
Polk & Duckworth Feed Mills	Mt. Olive	do	do	do	Do.
Rutland Lumber Co	Collins	do	do	do	Do.
Upton Milling Co	do	do	do	do	Do.
DESOTO COUNTY					
Continental Foundry and Machine Works.	Olive Branch	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Desoto Redi-Mix Co	Southaven	do	do	do	Do.
Dover Corporation	Horn Lake	do	do	do	Do.
Farmer's Gin Co	Nesbit	do	do	do	Dec. 1, 1974.
Green Duck	Hernando	do	do	do	May 17, 1974.
Hernando Packing Co	do	do	do	do	Do.
Hernando Ready-Mix, Inc	do	do	do	do	Do.
Imperial Manufacturing Co	Walls	do	do	do	May 1, 1974.
W. E. Lamb Gin	Mineral Wells	do	do	do	Dec. 1, 1974.
Producers Gin of Hernando	Hernando	do	do	do	Dec. 1, 1973.
Specialty Feeds, Inc	Southaven	do	do	do	May 17, 1974.
Tract-O-Land Plantation	Lake Cormorant	do	do	do	Dec. 1, 1974.
Underwood Glass Co	Mineral Wells	do	do	do	May 17, 1974.
Walls Gin Co	Walls	do	do	do	Dec. 1, 1974.
Watson Gin Co	Byhalia	do	do	do	Do.
Wire Fabricating Co	Hernando	do	do	do	May 17, 1974.
Dutchess Furniture Co	do	APC-S-1	Dec. 16, 1974	do	Feb. 21, 1975.
Continental Foundry & Machine Works	Olive Branch	do	Feb 28, 1974	do	Dec. 17, 1974.
Forging Die Engineering Co	do	APC-S-1	June 4, 1973	do	Oct. 20, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Douglas Corp	Nesbit	APC-S-1	do	do	Do.
Desoto Chemical & Supply Co	do	APC-S-1	do	do	Do.
Central Concrete Co	Horn Lake	APC-S-1	do	do	Do.
American Electric Manufacturing Corp.	Southhaven	APC-S-1	do	do	Do.
Ajax Lumber Co	Olive Branch	APC-S-1	do	do	Do.
Light & Power Utilities Corp	do	APC-S-1	do	do	Dec. 15, 1974.
Amax Aluminum Extrusion Products	Hernando	APC-S-1	do	do	Oct. 1, 1974.
Unitizer Co	Olive Branch	APC-S-1	do	do	Oct. 20, 1974.
Tex Gas	Southhaven	APC-S-1	do	do	Do.
Plastic Laminates	Walls	APC-S-1	do	do	Do.
Olive Branch Ready Mix	Olive Branch	APC-S-1	do	do	Do.
Memphis Chair Co	Hernando	APC-S-1	do	do	Do.
Olive Branch Motor Co	Olive Branch	APC-S-1	do	do	Do.
Magnolia Kitchens Products	do	APC-S-1	do	do	Do.
KERVAN Metal Products	do	APC-S-1	do	do	Do.
Holiday Industries	Hernando	APC-S-1	do	do	Do.
Gayoso Farms	Horn Lake	APC-S-1	do	do	Do.
FORREST COUNTY					
Big Yank Corp	Hattiesburg	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Big Yank Corp. (100 Furgeson)	do	APC-S-1, Sec. III.	do	do	Do.
Dixie Pine Products Co	do	APC-S-1, Sec. III.	do	do	Do.
Hattiesburg Mfg. Co	do	APC-S-1, Sec. III.	do	do	Do.
Hood Lumber Co	do	APC-S-1, Sec. III.	do	do	Mar. 1, 1974.
Inland Container Corp	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
MFC Services, Bovie Pl	do	APC-S-1, Sec. III.	do	do	Do.
Mississippi Chemical Corp	do	APC-S-1, Sec. III.	do	do	Sept. 1, 1973.
Dairy Fresh Corp	do	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Dixie Pole & Piling Co	do	APC-S-1	do	do	Mar. 26, 1975.
Hood Lumber of Hattiesburg, treating division.	do	APC-S-1	do	do	Mar. 1, 1975.
A & R Feed Mill	do	APC-S-1	June 4, 1973	do	Oct. 1, 1974.
Alexander Materials Co., Inc	Petal	APC-S-1	do	do	Do.
F & S Presstress, Inc	Hattiesburg	APC-S-1	do	do	Do.
Hattiesburg Concrete Products Co.	do	APC-S-1	do	do	Do.
Hattiesburg Compress Co	do	APC-S-1	do	do	Do.
Mack's Ready Mix Concrete Co., Inc.	do	APC-S-1	do	do	Do.
McCoy Ready Mixed Concrete	do	APC-S-1	do	do	Do.
Callahan Ready Mix Concrete Co., Inc.	do	APC-S-1	do	do	Oct. 20, 1974.
W. E. Blain & Sons	do	APC-S-1	do	do	Do.
Southeastern Concrete, Inc	do	APC-S-1	do	do	Oct. 6, 1974.
Miss. Poultry Co	do	APC-S-1	do	do	Oct. 9, 1974.
Koppers Co., Inc	do	APC-S-1	do	do	Do.
Murray Envelope Corp	do	APC-S-1	do	do	Do.
FRANKLIN COUNTY					
Ford Construction Co	Lucien	APC-S-1, Sec. III.	Feb 27, 1973	Immediately	June 1, 1973.
Franklin County Memorial Hospital.	Meadville	APC-S-1, Sec. III.	do	do	May 17, 1974.
Koppers Co., Inc	Bude	APC-S-1, Sec. III.	do	do	Do.
Southern American Corp	Roxie	APC-S-1, Sec. III.	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Klumb Manufacturing Co	Bude	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Georgia-Pacific	Roxie	APC-S-1	June 4, 1974	do	Oct. 20, 1974.
GEORGE COUNTY					
George County Hospital	Lucedale	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Lucedale Ready Mix Concrete Co.	do	APC-S-1, Sec. III.	do	do	Do.
U. B. Wilson	do	APC-S-1	June 4, 1973	do	Oct. 6, 1974.
J. M. Rogers & Sons, Inc	Benndale	APC-S-1	do	do	Dec. 1, 1974.
O'Neal Logging Co., Inc	Lucedale	APC-S-1	do	do	Oct. 6, 1974.
A. F. Holcomb Lumber Co	do	APC-S-1	do	do	Do.
M. W. Hicks	do	APC-S-1	do	do	Do.
Jim Havens	Benndale	APC-S-1	do	do	Do.
Dickerson Sawmill Co	Lucedale	APC-S-1	do	do	Oct. 1, 1974.
Evans Feed & Supply	do	APC-S-1	do	do	Sept. 9, 1974.
GRENADA COUNTY					
Graysport Cooperative Gin	Gore Springs	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Grenada Concrete Products Co	Grenada	APC-S-1, Sec. III.	do	do	May 17, 1974.
W. E. Hames Gin	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Hankins Lumber Co	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Holcomb Electric Gin	Holcomb	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Leflore Farms Gin	Leflore	APC-S-1	do	do	Do.
North American Rockwell Corp	Grenada	APC-S-1, Sec. III.	do	do	Do.
Round the Clock Hosiery, Div. of U.S. Industries.	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Sunflower Food Store	do	APC-S-1, Sec. III.	do	do	Do.
Koppers Co., Inc	Tie Plant	APC-S-1, Sec. III.	do	do	Do.
J. D. Vaughan Sawmill	Grenada	APC-S-1	June 4, 1973	do	Oct. 6, 1974.
Grenada Steam Laundry & Cleaners.	do	APC-S-1	do	do	Do.
Grenada County Hospital	do	APC-S-1	do	do	Oct. 1, 1974.
Grenada Sand & Gravel Co	do	APC-S-1	do	do	Sept. 1, 1974.
Memphis Hardwood Flooring Co	do	APC-S-1	do	do	Aug. 20, 1974.
HANCOCK COUNTY					
T. L. James & Co	Pearlington (near I-10).	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Do	Pearlington (on Hwy 607).	APC-S-1, Sec. III.	do	do	Do.
Jitney Jungle No. 34	Bay St. Louis	APC-S-1, Sec. III.	do	do	Do.
Winn-Dixie No. 1475	do	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Monitor Panel Co	do	APC-S-1	June 4, 1973	do	Oct. 6, 1974.
Terry Feeney, Inc	Waveland	APC-S-1	do	do	Do.
Wallace-Murray Corp	Bay St. Louis	APC-S-1	do	do	Oct. 1, 1974.
Hancock General Hospital	do	APC-S-1	do	do	Oct. 30, 1974.
HARRISON COUNTY					
Howard Memorial Hospital	Biloxi	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Jitney Jungle No. 32	Gulfport	APC-S-1, Sec. III.	do	do	May 30, 1974.
Litchfield Plating	do	APC-S-1, Sec. III.	do	do	May 17, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Mississippi-Gulfport Compress & Warehouse.	Ocean Springs	APC-S-1, Sec. III.	do	do	Do.
Faulkner Concrete Pipe Co	Gulfport	APC-S-1	June 4, 1973	do	Oct. 6, 1974.
Cumbest Manufacturing Co	Pass Christian	APC-S-1	do	do	Do.
Chemfax, Inc	Gulfport	APC-S-1	do	do	Do.
Biloxi Block Co., Inc	do	APC-S-1	do	do	Do.
Allied Enterprises	do	APC-S-1	do	do	Do.
A & P Supermarket No. 114	Long Beach	APC-S-1	do	do	Do.
Mavar Shrimp & Oyster Co	Biloxi	APC-S-1	do	do	Oct. 1, 1974.
Masonite Corp. Alpine Div	Gulfport	APC-S-1	do	do	Do.
Gulf Paving, Inc	do	APC-S-1	do	do	Do.
Gulfport Glass Corp	do	APC-S-1	do	do	Do.
Hi-Life Packing Co	do	APC-S-1	do	do	Do.
Hubbell Machine Equipment	Biloxi	APC-S-1	do	do	Do.
Industrial Steel & Machine Works.	Gulfport	APC-S-1	do	do	Do.
McElroy Machine & Manufacturing Co., Inc.	Biloxi	APC-S-1	do	do	Do.
Maybelle Dress Manufacturing	Gulfport	APC-S-1	do	do	Do.
Progressive Metallurgy		APC-S-1	do	do	Do.
West Creek Lumber Co	Saucier	APC-S-1	do	do	Do.
PlastiFax	Gulfport	APC-S-1	do	do	Oct. 13, 1974.
Holcomb Asphalt Company, Inc	do	APC-S-1	do	do	Dec. 15, 1974.
Coastal Materials Co	do	APC-S-1	do	do	Oct. 1, 1974.
Clements Wire & Manufacturing Co.	Biloxi	APC-S-1	do	do	Oct. 6, 1974.
HINDS COUNTY					
Asphalt Paving Co	Jackson	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Farmers Gin Co	Edwards	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Farmers Gin Co., Inc	Pocohontas	APC-S-1, Sec. III.	do	do	Do.
Gaddis & McLaurin Gin Inc	Bolton	APC-S-1, Sec. III.	do	do	Do.
General Electric Co., Jackson Glass Plant.	Jackson	APC-S-1, Sec. III.	do	do	May 1, 1975.
Hinds Wood Perserving Co., Inc	Learned	APC-S-1, Sec. III.	do	do	May 17, 1974.
Learned Gin Co	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
A. P. Lindsey Distribution, Inc	Jackson	APC-S-1, Sec. III.	do	do	May 17, 1974.
Magnolia Towers, Inc	do	APC-S-1, Sec. III.	do	do	Do.
Mississippi Baptist Hospital	do	APC-S-1, Sec. III.	do	do	Do.
Mississippi Materials Co	do	APC-S-1, Sec. III.	do	do	Mar. 1, 1975.
Swift Agricultural Chemicals Corp.	do	APC-S-1, Sec. III.	do	do	Mar. 1, 1974.
Utica Lumber & Gin Co	Utica	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Millers Discount Store (incinerator).	Jackson	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
J. J. Ferguson Ready Mix-Hot Mix Co.	do	APC-S-1	Feb. 28, 1974	do	Dec. 1, 1974.
Mississippi Foundry & Machine Co., Inc.	do	APC-S-1	do	do	Dec. 31, 1973.
General Tire Service	do	APC-S-1	do	do	May 1, 1975.
Presto Manufacturing Co	do	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Delta Asphalt, Inc	do	APC-S-1	Feb. 28, 1974	do	May 17, 1974.
Delta Industries (Pre-stressed Concrete Facility).	do	APC-S-1	June 4, 1973	do	Oct. 1, 1974.
Delta Industries (Light-weight Aggregate Facility).	do	APC-S-1	do	do	Do.
Klean Steel Mfg. Co	do	APC-S-1	do	do	May 1, 1973.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
MacGowan Coffee Co	......do	APC-S-1	......do	......do	Oct. 6, 1974.
V. A. Taylor Dogwood Mill	Utica	APC-S-1	......do	......do	Do.
Union Fork & Hoe Co	Jackson	APC-S-1	......do	......do	Do.
Valley Cement Industries	......do	APC-S-1	......do	......do	Do.
Vaughn Construction Co	......do	APC-S-1	......do	......do	Do.
Westbrook Manufacturing Co	......do	APC-S-1	......do	......do	Do.
Whitfield Milling Co	......do	APC-S-1	......do	......do	Do.
Gilken Gin Co	Edwards	APC-S-1	......do	......do	Dec. 1, 1974.
O. R. Johnson Milling Co	Clinton	APC-S-1	......do	......do	Sept. 28, 1974.
Magna American Corp	Raymond	APC-S-1	......do	......do	Oct. 1, 1974.
Borden's	......do	APC-S-1	......do	......do	Do.
Delta Industries (Concrete Block Facility).	......do	APC-S-1	......do	......do	Do.
Delta Industries (Ready-Mix Concrete Facility).	......do	APC-S-1	......do	......do	Do.
Jackson Iron & Metal Works	......do	APC-S-1	......do	......do	Dec. 15, 1974.
Atlanta Scrap Processors, Inc	......do	APC-S-1	......do	......do	Oct. 1, 1974.
Warren Brothers	......do	APC-S-1	......do	......do	Aug. 20, 1974.
Filtrol Corp	......do	APC-S-1	......do	......do	Aug. 19, 1974.
Zincon Electronic Products	......do	APC-S-1	......do	......do	Oct. 6, 1974.
Harper Foundry and Machine Co	......do	APC-S-1	......do	......do	Sept. 12, 1974.
Kitchens Brothers Manufacturing	Utica	APC-S-1	......do	......do	Sept. 29, 1974.
Burger King Restaurant, Inc	Jackson	APC-S-1	......do	......do	Oct. 20, 1974.
Delta Cotton Gin & Fertilizer Co	......do	APC-S-1	......do	......do	July 31, 1975.
Dura-Tuff Treads, Inc	......do	APC-S-1	......do	......do	June 30, 1975.
HOLMES COUNTY					
Burrows Southern Corp	Pickens	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Cruger Gin	Cruger	APC-S-1, Sec. III.	......do	......do	Dec. 1, 1974.
District Two Community Hospital	Durant	APC-S-1, Sec. III.	......do	......do	May 17, 1974.
Fleetwood Homes of Mississippi	Lexington	APC-S-1, Sec. III.	......do	......do	Do.
Goodhope Gin	Thornton	APC-S-1, Sec. III.	......do	......do	Dec. 1, 1974.
Goodman Gin Co	Goodman	APC-S-1, Sec. III.	......do	......do	Do.
Honey Island Gin Co	Cruger	APC-S-1, Sec. III.	......do	......do	Do.
Horseshoe Gin Co., Inc	Tchula	APC-S-1, Sec. III.	......do	......do	Jan. 1, 1974.
Howard Gin Co	Lexington	APC-S-1, Sec. III.	......do	......do	Dec. 1, 1974.
Humphrey Gin Co	Ebenezer	APC-S-1, Sec. III.	......do	......do	Do.
Keirn Gin Co	Cruger	APC-S-1, Sec. III.	......do	......do	Do.
Mid-State Paving Co	Pickens	APC-S-1, Sec. III.	......do	......do	May 17, 1974.
Parrish Gin	Lexington	APC-S-1, Sec. III.	......do	......do	Dec. 1, 1974.
Planters Gin	Tchula	APC-S-1, Sec. III.	......do	......do	Do.
Riverside Gin Co	Pickens	APC-S-1, Sec. III.	......do	......do	Do.
S & G Lumber Co	Tchula	APC-S-1, Sec. III.	......do	......do	May 17, 1974.
Thornton Gin Co	Thornton	APC-S-1, Sec. III.	......do	......do	Dec. 1, 1974.
West Gin	West	APC-S-1, Sec. III.	......do	......do	Do.
Leon Worrell Ready Mix Plant	Durant	APC-S-1, Sec. III.	......do	......do	May 17, 1974.
Durant Sportswear, Inc	......do	APC-S-1	June 4, 1973	......do	Oct. 6, 1974.
Ebenezer Gin	Ebenezer	APC-S-1	......do	......do	Dec. 1, 1974.
Alfred H. Ervin	Lexington	APC-S-1	......do	......do	Oct. 6, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Mileston Corp. AAL	Tehula	APC-S-1	do	do	Dec. 1, 1974.
Pluto Planting Co	Thornton	APC-S-1	do	do	Do.
Koppers Co., Inc	Durant	APC-S-1	do	do	Aug. 15, 1974.
A & B Milling Co., Inc	do	APC-S-1	do	do	Sept. 20, 1974.
HUMPHREYS COUNTY					
Belzoni Gin Company	Belzoni	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
C. B. Box Company	Midnight	APC-S-1, Sec. III.	do	do	Do.
The Delta Company	Belzoni	APC-S-1, Sec. III.	do	do	Do.
Evans & Son Gin	Isola	APC-S-1, Sec. III.	do	do	Do.
Farmer's Gin Co., Ltd	Louise	APC-S-1, Sec. III.	do	do	July 1, 1975.
Farmer's Gin Co., Inc	Silver City	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Ferguson Bros. Construction Co	Belzoni	APC-S-1, Sec. III.	do	do	Feb. 1, 1974.
McMath Gin	Isola	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Midnight Gin Co., Inc	Silver City	APC-S-1, Sec. III.	do	do	Do.
Service Gin Co	Isola	APC-S-1, Sec. III.	do	do	Do.
Sewards Harris Gin Co	Midnight	APC-S-1, Sec. III.	do	do	July 1, 1975.
B. W. Smith Gin	Louise	APC-S-1, Sec. III.	do	do	Do.
Belzoni Nitrogen Corp	Belzoni	APC-S-1	June 4, 1973	do	Oct. 6, 1974.
Y-D Lumber Co	do	APC-S-1	do	do	Do.
Turners Gin	do	APC-S-1	do	do	Dec. 1, 1974.
Planters Gin of Belzoni, Inc	do	APC-S-1	do	do	July 31, 1975.
ISSAQUENA COUNTY					
Mayersville Gin Co	Mayersville	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Planters Gin of Grace, Inc	Grace	APC-S-1, Sec. III.	do	do	Do.
Valley Park Gin Co., Inc	Valley Park	APC-S-1, Sec. III.	do	do	Do.
Bunge Corp	Mayersville	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
ITAWAMBA COUNTY					
Bark Gin Co	Marietta	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Dura-Crates	Fulton	APC-S-1, Sec. III.	do	do	Mar. 15, 1974.
Homan Wood Products	do	APC-S-1, Sec. III.	do	do	Dec. 31, 1973.
Itawamba Co. Hospital	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
J. C. McDaniel Gin	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
McFerrin Gin	Mantachie	APC-S-1, Sec. III.	do	do	Do.
Murphree Bros	Tremont	APC-S-1, Sec. III.	do	do	May 17, 1974.
S. A. McDaniel Gin	Dorsey	APC-S-1	Feb. 28, 1974	do	Dec. 1, 1974.
American Colloid Co	Fulton	APC-S-1	June 4, 1973	do	Oct. 6, 1974.
Blue Bell, Inc	do	APC-S-1	do	do	Do.
Riley Lumber Co	do	APC-S-1	do	do	Do.
T. F. Evans Lumber Co., Inc	Evergreen	APC-S-1	do	do	Sept. 15, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
JACKSON COUNTY					
Gibson Products Co	Pascagoula	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Ingall's Nuclear Shipbuilding Co	do	APC-S-1, Sec. III.	do	do	Do.
Jitney Jungle No. 37	do	APC-S-1, Sec. III.	do	do	Do.
Wayne Lee Grocery & Market	do	APC-S-1, Sec. III.	do	do	Do.
Mississippi Chemical Corp. No. 2 mixed fertilizer plant.	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Mississippi Chemical Corp. No. 3 mixed fertilizer plant.	do	APC-S-1, Sec. III.	do	do	Aug. 1, 1974.
Mississippi Chemical Corp. Nos. 1, 2, 3, fertilizer storage.	do	APC-S-1, Sec. III.	do	do	July 1, 1974.
Ocean Springs Hospital	Ocean Springs	APC-S-1, Sec. III.	do	do	May 17, 1974.
Ocean Springs State Bank	do	APC-S-1, Sec. III.	do	do	Do.
Pascagoula Moss Point Bank	Pascagoula	APC-S-1, Sec. III.	do	do	Do.
Quaker Oats Co.—Pet Food Division.	do	APC-S-1, Sec. III.	do	do	Do.
Thiokol Chemical Corp	Moss Point	APC-S-1, Sec. IV.	do	do	July 31, 1974.
Jitney Jungle Food Store	do	APC-S-1	Feb. 28, 1974	do	Jan. 25, 1975.
Ocean Springs Nursing Center (incinerator).	Ocean Springs	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Mississippi Chemical Corp., phosphate rock storage and handling facility.	Pascagoula	APC-S-1	do	do	Mar. 1, 1975.
No. 2 Mixed Fertilizer Plant	do	APC-S-1	do	do	Mar. 15, 1975.
Blossman Concrete Ready-Mix, Inc.	Ocean Springs	APC-S-1	Feb. 28, 1974	do	Apr. 22, 1975.
Mississippi Chemical Corp., No. 1, No. 2, and No. 3, fertilizer storage building.	Pascagoula	APC-S-1	Dec. 16, 1974	do	Mar. 1, 1975.
PAVCo Industries, Inc	do	APC-S-1	do	do	July 31, 1975.
Concrete Products and Supply and Weatherby Materials.	Escatawpa	APC-S-1	Feb. 28, 1974	do	Dec. 22, 1974.
Corchem, Inc	Pascagoula	APC-S-1	do	do	July 31, 1975.
Chicago Bridge & Iron	do	APC-S-1	June 4, 1973	do	Sept. 15, 1974.
Conway Woodworking Co	do	APC-S-1	do	do	Do.
Crossfield Products	do	APC-S-1	do	do	Do.
M. M. Flechas Shipyard	do	APC-S-1	do	do	Do.
Graham Boats, Inc	do	APC-S-1	do	do	Do.
Halter Marine Fabricators, Inc	Moss Point	APC-S-1	do	do	Do.
Jitney Jungle	do	APC-S-1	do	do	Do.
Katz & Besthoff, Inc	Pascagoula	APC-S-1	do	do	Do.
Leo Krebs & Sons	do	APC-S-1	do	do	Do.
F. B. Walker & Sons, Inc	do	APC-S-1	do	do	Oct. 6, 1974.
Weatherby Materials, Inc	Moss Point	APC-S-1	do	do	Oct. 30, 1974.
Delta Creosoting Company, Inc	Gautier	APC-S-1	do	do	Do.
Standard Oil Co	Pascagoula	APC-S-1	do	do	Oct. 24, 1974.
International Paper (Tee Pee Burner).	Moss Point	APC-S-1	do	do	Oct. 30, 1973.
Mississippi Chemical Corp., No. 1 Mixed Fertilizer Plant.	Pascagoula	APC-S-1	Feb. 27, 1973	do	July 1, 1975.
JASPER COUNTY					
B & T Handle Co	Bay Springs	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Heidelburg Lumber Co	Heidelburg	APC-S-1, Sec. III.	do	do	Do.
Hens, Inc	Bay Springs	APC-S-1, Sec. III.	do	do	Do.

Mississippi—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Jasper General Hospital	do	APC-S-1, Sec. III.	do	do	Do.
Stringer Farmers Gin	Stringer	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Georgia Pacific Corp	Bay Springs	APC-S-1	Dec. 16, 1974	do	Apr. 1, 1975.
Skelly Oil Co	do	APC-S-1	June 4, 1973	do	Oct. 1, 1974.
V. A. Sauls.	Heidelburg	APC-S-1	do	do	Do.
JEFFERSON COUNTY					
Fayette Enterprises, Inc.	Fayette	APC-S-1, Sec. III.	Feb 27, 1973	Immediately	Jan. 1, 1975.
Feeders Milling Co	do	APC-S-1	June 4, 1973	do	Sept. 28, 1974.
Jefferson County Hospital	do	APC-S-1	do	do	Do.
JEFFERSON DAVIS COUNTY					
Jefferson Davis County Hospital	Prentiss	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Prentiss Creosote Mat., Inc	do	APC-S-1, Sec. III.	do	do	Do.
Rutland Gin	do	APC-S-1, Sec. III.	June 4, 1973	do	Dec. 1, 1974.
South Central Ready-Mix, Inc	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Bassfield Feed Mill	Bassfield	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Reardon Lumber Co	Prentiss	APC-S-1	June 4, 1973	do	Sept. 28, 1974.
Edward Hyman Co	do	APC-S-1	do	do	Oct. 1, 1974.
Stamps Lumber Co	do	APC-S-1	do	do	Do.
JONES COUNTY					
Jones County Community Hospital.	Laurel	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Jones County Comm. Hosp. Annex.	do	APC-S-1, Sec. III.	do	do	Do.
Laurel General Hospital	do	APC-S-1, Sec. III.	do	do	Do.
South Mississippi Power Association, Moselle general plant.	Moselle	APC-S-1, Sec. III and Sec. IV.	do	do	Do.
Woodall Industries	Laurel	APC-S-1, Sec. III.	do	do	Do.
Hood Lumber of Laurel	do	APC-S-1	Dec. 16, 1974	do	Oct. 13, 1974.
Hoss Ready Mix Concrete	do	do	do	do	July 31, 1975.
Beard's Feed & Fertilizer	do	APC-S-1	June 4, 1973	do	Sept. 28, 1974.
Baroid Division, National Lead	do	APC-S-1	do	do	Do.
Dresser Industries	do	APC-S-1	do	do	Do.
Laurel Machine & Foundry Co	do	APC-S-1	do	do	Do.
Lone Star Producing Co	do	APC-S-1	do	do	Sept. 30, 1974.
James Fuller Hickory Mill (Lindsey Wagon Co.).	do	APC-S-1	do	do	Oct. 1, 1974.
Morgan Wood Ind	do	APC-S-1	do	do	Oct. 9, 1974.
S. T. Owens Asphalt	Ellisville	APC-S-1	do	do	Do.
U.S. Plywood, Champion Papers Inc.	Laurel	APC-S-1	do	do	Do.
Pine Belt Ready Mix Concrete, Inc.	do	APC-S-1	do	do	Sept. 30, 1973.
Hood Lumber Co	do	APC-S-1	do	do	Oct. 1, 1974.
Laurel Concrete Products	Meridian Ave., Laurel.	APC-S-1	do	do	June 6, 1973.
Do	North 13th Ave., Laurel.	APC-S-1	do	do	Do.
KEMPER COUNTY					
Kemper County Hospital	DeKalb	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Weyerhauser Co	Electric Mills	APC-S-1, Sec. III.	do	do	Do.
J. A. McDade Lumber Co	Electric Mills	APC-S-1	June 4, 1973	do	Oct. 9, 1974.
Monroe Dean Sawmill	Dekalb	APC-S-1	do	do	Do.
Nolan Martin Sawmill	Scooba	APC-S-1	do	do	Do.
Koppers, Inc	Electric Mills	APC-S-1	do	do	Oct. 13, 1974.
LAFAYETTE COUNTY					
Abbeville Gin Inc	Abbeville	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
C & F Contracting Co., Inc	Oxford	APC-S-1, Sec. III.	do	do	May 17, 1974.
Oxford Asphalt Co., Inc	do	APC-S-1, Sec. III.	do	do	Do.
J. J. Ferguson Ready Mix-Hot Mix Co.	do	APC-S-1	Dec. 16, 1974	do	Dec. 1, 1974.
A & S Paving	do	APC-S-1	June 4, 1973	do	Oct. 9, 1974.
Chambers Corp	do	APC-S-1	do	do	Do.
Emerson Electric	do	APC-S-1	do	do	Do.
W. E. "Pat" Gandy	Paris	APC-S-1	do	do	Do.
Oxford Milling Co	Oxford	APC-S-1	do	do	Do.
Elliot Lumber Co	do	APC-S-1	do	do	Oct. 30, 1974.
Oxford-Lafayette County Hospital.	do	APC-S-1	do	do	Aug. 15, 1974.
LAMAR COUNTY					
James C. Broome Sawmill	Sumrall	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Gulf Oil Co., U.S. Black Creek Refinery.	Purvis	APC-S-1, Sec. III.	do	do	Do.
Lamar Co. Development Corp	do	APC-S-1, Sec. III.	do	do	Do.
Lumberton Citizens Hospital	Lumberton	APC-S-1, Sec. III.	do	do	Do.
Joe N. Miles & Sons, Inc	do	APC-S-1, Sec. III.	do	do	Do.
Kaiser Aluminum & Chemical Corp., Purvis Coke-cleaning facility.	Purvis	APC-S-1	Sept. 11, 1973	do	May 1, 1975
Amerada Hess	do	APC-S-1	June 4, 1973	do	Oct. 9, 1974.
B. K. Pole & Timber Co	Lumberton	APC-S-1	do	do	Do.
Breland Ready Mix & Supply Co	do	APC-S-1	do	do	Do.
Do	Purvis	APC-S-1	do	do	Do.
Purvis Hardwood Lumber Co	do	APC-S-1	do	do	Do.
Southland Oil Co	Lumberton	APC-S-1	do	do	Do.
Williamson & Williamson Lumber	Sumrall	APC-S-1	do	do	Do.
LAUDERDALE COUNTY					
American Wood Products	Meridian	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Apr. 7, 1973.
Davis Gin	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Gaylords of Meridian	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Jitney Jungle No. 4	do	APC-S-1, Sec. III.	do	do	Do.
Mississippi Chem. Corp. Fertilizer Plant No. 1.	do	APC-S-1, Sec. III.	do	do	Sept. 1, 1973.
Mississippi Chem. Corp. Fertilizer Plant No. 2.	do	APC-S-1, Sec. III.	do	do	Do.
Moss-American, Inc	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
F G Riley Memorial Hospital	do	APC-S-1, Sec. III	do	do	Do.
Russell Aluminum Corp	do	APC-S-1, Sec. III	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Atlas Roofing Co	do	APC-S-1	Dec. 16, 1974	do	Oct. 30, 1974.
Sam Finley, Inc	do	APC-S-1	do	do	Aug. 15, 1974.
Meywebb Hosiery Mill	do	APC-S-1	do	do	July 31, 1975.
Meridian Woodworking, Inc	do	APC-S-1	Feb. 28, 1974	do	May 15, 1974.
Cities Service Oil Co	Sumrall	APC-S-1	June 4, 1973	do	Oct. 9, 1974.
J. B. Gunn, Jr	do	APC-S-1	do	do	Do.
Meridian Moulding, Inc	do	APC-S-1	do	do	Do.
General Box Co	do	APC-S-1	do	do	Sept. 12, 1974.
Lauderdale County Co-op	do	APC-S-1	do	do	Sept. 13, 1974.
J. R. Savage Co	do	APC-S-1	do	do	Oct. 30, 1974.
Miami Window Division, Russell Alum. Corp.	do	APC-S-1	do	do	Sept. 21, 1974.
Paul O'Leary Lumber Co	Toomsuba	APC-S-1	do	do	Do.
Owen Bros. Packing Co	Meridian	APC-S-1	do	do	Do.
Sanders Lumber Co	do	APC-S-1	do	do	Do.
Scruggs Sawmill	do	APC-S-1	do	do	Sept. 22, 1974.
Soule Steam Feed Works	do	APC-S-1	do	do	Sept. 23, 1974.
Tuscaloosa Veneer	do	APC-S-1	do	do	Do.
Winn-Dixie (22d St.)	do	APC-S-1	do	do	Do.
Meridian Concrete & Materials	do	APC-S-1	do	do	Dec. 15, 1973.
Ready Mix Concrete Co	Kewanee	APC-S-1	do	do	Jan. 1, 1974.
Do	Lockhart	APC-S-1	do	do	Do.
Do	Meridian	APC-S-1	do	do	Do.
LAWRENCE COUNTY					
St. Regis Paper Co. (recovery boilers No. 1 and No. 2 particulates).	Monticello	APC-S-1	Dec. 16, 1974	Immediately	Apr. 30, 1975.
Lawrence County Hospital	do	APC-S-1	June 4, 1973	do	Aug. 15, 1974.
Rutland Gin	Jayess	APC-S-1	do	do	Dec. 1, 1974.
Sam Finley	Silvercreek	APC-S-1	do	do	Aug. 15, 1974.
Gulf Fibre Products Co	Monticello	APC-S-1	do	do	Sept. 23, 1974.
Kellwood Co	do	APC-S-1	do	do	Do.
South Central Ready Mix, Inc	do	APC-S-1	do	do	Do.
St. Regis Paper Co. (Combination Boiler).	do	APC-S-1	Immediately	do	Aug. 1, 1974.
St. Regis Paper Co. (Recovery Boilers No. 1 and No. 2 TRS).	do	APC-S-1	do	do	Jan. 1, 1975.
St. Regis Paper Co. (Noncondensible Gas System TRS).	do	APC-S-1	do	do	Mar. 1, 1975.
LEAKE COUNTY					
W. C. Croft Lumber Co., Inc	Walnut Grove	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Leake Co. Memorial Hospital	Carthage	APC-S-1, Sec. III.	do	do	Do.
Merchant Gin	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Sanders & Gross Cotton Gin	do	APC-S-1, Sec. III.	do	do	Do.
Thaggard Hospital Inc	Madden	APC-S-1, Sec. III.	do	do	May 17, 1974.
Leake County Milling Co., Inc	Carthage	APC-S-1	Dec. 16, 1974	do	Sept. 23, 1974.
Henderson South Manufacturing Co.	do	APC-S-1	June 4, 1973	do	Do.
Leake County Milling Co., Inc	do	APC-S-1	do	do	Do.
M & C Creosote	do	APC-S-1	do	do	Do.
Monroe Allen Contractor	do	APC-S-1	do	do	Do.
LEE COUNTY					
Baldwyn Gin Co	Baldwyn	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
C & F Contracting	Tupelo	APC-S-1, Sec. III.	do	do	May 17, 1974.
Eljer Plumbingware Division	do	APC-S-1, Sec. III.	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Frankstown Gin Co	Baldwyn	APC-S-1, Sec. III.	do	do	Do.
Johnson Gin Co	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Long Bros. Gin	Blue Springs	APC-S-1, Sec. III.	do	do	May 17, 1974.
Town & Country Mobile Homes	Verona	APC-S-1, Sec. III.	do	do	Do.
Tri-County Gin Co	Tupelo	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Tupelo Mfg. Co., Inc	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Wesson Bros. Gin Co	Saltillo	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Paverite Asphalt Co	Tupelo	APC-S-1	Feb. 28, 1974	do	Do.
Tupelo Manufacturing Co	do	APC-S-1	Dec. 16, 1974	do	Dec. 15, 1974.
Anderson Mfg. Co	do	APC-S-1	June 4, 1973	do	Sept. 23, 1974.
B & B Concrete Co., Inc	do	APC-S-1	do	do	Do.
Barber Pure Milk Co	do	APC-S-1	do	do	Sept. 26, 1974.
Blackman Machine & Tool Co	do	APC-S-1	do	do	Do.
Blue Bell, Inc	do	APC-S-1	do	do	Do.
C. B. Hale Sawmill	Baldwin	APC-S-1	do	do	Do.
Dacus Drug Co	Tupelo	APC-S-1	do	do	Do.
Day-Brite Lighting	do	APC-S-1	do	do	Do.
Denny Lumber Co	do	APC-S-1	do	do	Do.
Fashion Furniture, Inc	do	APC-S-1	do	do	Do.
Futorian Corp.—Tupelo Decorian Division.	do	APC-S-1	do	do	Do.
Hickory Springs Manufacturing of Arkansas.	do	APC-S-1	do	do	Do.
International Minerals & Chemicals.	do	APC-S-1	do	do	Do.
Kent's Store	do	APC-S-1	do	do	Do.
Mid-South Packers	do	APC-S-1	do	do	Do.
Newth Morris Box Co	do	APC-S-1	do	do	Do.
National Springs Corp. of Mississippi.	do	APC-S-1	do	do	Do.
Planters Lumber Co	do	APC-S-1	do	do	Do.
Prath Lumber Co	Plantersville	APC-S-1	do	do	Do.
Riverside Chemical Co. (Seed Cleaning Facility).	Tupelo	APC-S-1	do	do	Do.
Riverside Chemical Co. (Grain Elevator).	do	APC-S-1	do	do	Do.
Sadler Manufacturing Co	do	APC-S-1	do	do	Do.
S.A.R. Manufacturing Co	do	APC-S-1	do	do	Do.
Scarsdale Quilting	do	APC-S-1	do	do	Do.
Senters Transit Mix, Inc	do	APC-S-1	do	do	Do.
Sheller Globe Corp	do	APC-S-1	do	do	Do.
South-Aire, Inc., of Mississippi	do	APC-S-1	do	do	Do.
Southern Imperial, Inc	do	APC-S-1	do	do	Do.
Super Sagless, Spring Corp	do	APC-S-1	do	do	Do.
Triangle Manufacturing	do	APC-S-1	do	do	Do.
Tupelo Brick & Tile Co	do	APC-S-1	do	do	Do.
Tupelo Marble Works	do	APC-S-1	do	do	Do.
Tupelo Scrap & Steel Co	do	APC-S-1	do	do	Do.
United Cement Co	do	APC-S-1	do	do	Do.
W & S Milling & Molasses Co	do	APC-S-1	do	do	Do.
Walled Lake Door Co	do	APC-S-1	do	do	Do.
LEFLORE COUNTY					
Blue Top Gin	Itta Bena	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Buckhorn Gin	Greenwood	APC-S-1, Sec. III.	do	do	Do.
Bunch Concrete & Engineering	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Cane Lake Gin Co., Inc	Ruleville	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Community Gin Co., Inc	Swiftown	APC-S-1, Sec. III.	do	do	Do.
Congo Gin	Schlater	APC-S-1, Sec. III.	do	do	Do.
Cooperative Elevator Co	Greenwood	APC-S-1, Sec. III.	do	do	May 17, 1974.
Crossroads Gin Co	Schlater	APC-S-1, Sec. III.	do	do	July 1, 1975.
Deermound Gin	Minter City	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Farmers Associated Gin Co	Itta Bena	APC-S-1, Sec. III.	do	do	Do.
Freeman Electric Gin Co	Greenwood	APC-S-1, Sec. III.	do	do	Do.
Gibson Products Co	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Greenwood-Leflore Hospital	do	APC-S-1, Sec. III.	do	do	Do.
Half-Mile Gin	Itta Bena	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Itta Bena Gin Co	do	APC-S-1, Sec. III.	do	do	Do.
Jenkins Gin Co., Inc	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
W. P. Kimbrough & Son	do	APC-S-1, Sec. III.	do	do	July 1, 1975.
Leco Gin Co	Sidon	APC-S-1, Sec. III.	do	do	Do.
McLean Gin Co	Itta Bena	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Minter Gin Co	Minter City	APC-S-1, Sec. III.	do	do	July 1, 1975.
Money Gin Co	Money	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Morgan Gin Co	Morgan City	APC-S-1, Sec. III.	do	do	Jan. 1, 1975.
Pemberton Manor Nursing Home	Greenwood	APC-S-1, Sec. III.	do	do	May 17, 1974.
Schlater Gin Co., Inc	Schlater	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Sheppard Town Gin Co	Morgan City	APC-S-1, Sec. III.	do	do	Mar. 1, 1974.
Sidon Plantation Gin	Sidon	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Staple Cotton Services Association.	Greenwood	APC-S-1, Sec. III.	do	do	May 17, 1974.
L. W. Wade Plantation Gin	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
L. L. Walker & Son Gin	Schlater	APC-S-1, Sec. III.	do	do	Do.
Wildwood Plantation Gin	Greenwood	APC-S-1, Sec. III.	do	do	June 1, 1974.
Willow Run Gin Co	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Farmers Gin of Greenwood	do	APC-S-1	Feb. 28, 1974	do	Do.
J. J. Ferguson Ready Mix	do	APC-S-1	June 4, 1973	do	Sept. 23, 1974.
Greenwood Asphalt Co	do	APC-S-1	do	do	Do.
Midway Gin Co	Glendora	APC-S-1	do	do	Dec. 1, 1974.
Mississippi Cottonseed Products Co.	Greenwood	APC-S-1	do	do	Sept. 23, 1974.
National Art Co	do	APC-S-1	do	do	Do.
Race Track Plantation Co., Inc	do	APC-S-1	do	do	Dec. 1, 1974.
Yazoo Valley Oil Mill	do	APC-S-1	do	do	Sept. 23, 1974.
LINCOLN COUNTY					
Brookhaven Piling Co	Brookhaven	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Columbus Lumber Co	do	APC-S-1, Sec. III.	do	do	Do.
Dickerson & Bowen	do	APC-S-1, Sec. III.	do	do	Do.
J. J. Mayer Lumber Co	Bogue Chitto	APC-S-1, Sec. III.	do	do	Do.
Shainberg's	Brookhaven	APC-S-1, Sec. III.	do	do	Do.
Smith Bros. Lumber Co., Inc	do	APC-S-1, Sec. III.	do	do	Do.
Winn-Dixie	do	APC-S-1, Sec. III.	do	do	Do.
Boise Cascade Corp	do	APC-S-1	June 4, 1973	do	Sept. 23, 1974.
Ingle Sawmill	do	APC-S-1	do	do	Do.
Keystone Seneca Wire Cloth Co	do	APC-S-1	do	do	Do.
Linwood Gin Co	Vaughn	APC-S-1	do	do	Dec. 1, 1974.
Lincoln Ready Mix Concrete	Brookhaven	APC-S-1	do	do	Oct. 24, 1974.
Southwest Paving	do	APC-S-1	do	do	Oct. 20, 1974.
LOWNDES COUNTY					
Airline Mfg. Co	Columbus	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Artesia Gin	Artesia	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
F. B. Blaylock & Son	Calendonia	APC-S-1, Sec. III.	do	do	Do.
Columbus Air Force Base Hospital.	Columbus	APC-S-1, Sec. III.	do	do	May 17, 1974.
Columbus Handle Co	do	APC-S-1, Sec. III.	Feb. 23, 1973	do	Do.
The Columbus Hospital Inc	do	APC-S-1, Sec. III.	do	do	Do.
Columbus Marble Works	do	APC-S-1, Sec. III.	do	do	Do.
A. G. Lockhart Gin	Steens	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Moss-American, Inc	Columbus	APC-S-1, Sec. III.	do	do	May 17, 1974.
Phillips Contracting Co	do	APC-S-1, Sec. III.	do	do	Do.
Potts Gin	Crawford	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Sims Gin	Columbus	APC-S-1, Sec. III.	do	do	Do.
Hooker Chemical Co	do	APC-S-1, Sec. III.	Dec. 16, 1974	do	Mar. 1, 1975.
Johnston Tombigbee Furniture Co. (Woodworking plant).	do	APC-S-1	do	do	July 31, 1975.
(Tee Pee Burners)	do	APC-S-1	do	do	Do.
Columbus Brick Co	do	APC-S-1	June 4, 1973	do	Sept. 23, 1974.
Columbus Plastics, Inc	do	APC-S-1	do	do	Do.
Davis Lumber Co	do	APC-S-1	do	do	Do.
General Tire & Rubber Co	do	APC-S-1	do	do	Do.
U.S. Borax and Chemical Corp	do	APC-S-1	do	do	Do.
Winn-Dixie Montgomery	do	APC-S-1	do	do	Do.
MADISON COUNTY					
Dickson Treating Co	Canton	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Madison Co. Co-op Gin	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Madison Furniture Industries	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Madison General Hospital	do	APC-S-1, Sec. III.	do	do	Do.
Mansell Gin	Pickens	APC-S-1, Sec. III	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Milcraft Products Inc	Canton	APC-S-1, Sec. III.	do	do	Do.
Mississippi Bandag, Inc	Ridgeland	APC-S-1, Sec. III.	do	do	Do.
Mississippi Chemical Corp	Canton	APC-S-1, Sec. III.	do	do	Sept. 1, 1973.
New Paragon Gin	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Oil Mill Gin	do	APC-S-1, Sec. III.	do	do	Do.
Oil Mill Gin No. 2	do	APC-S-1, Sec. III.	do	do	Do.
Burtonic Plastics	Ridgeland	APC-S-1	June 4, 1973	do	Sept. 27, 1974.
Canton Casket Co	Canton	APC-S-1	do	do	Do.
Canton Plating Co	do	APC-S-1	do	do	Do.
Canton Poultry Co	do	APC-S-1	do	do	Do.
College Suppliers	Ridgeland	APC-S-1	do	do	Do.
Gilbert & Ryan, Inc	Canton	APC-S-1	do	do	Do.
Ridgeland Seed & Feed, Inc	Ridgeland	APC-S-1	do	do	Do.
Riverside Chemical Co. (Dry Fertilizer Blending).	Canton	APC-S-1	do	do	Do.
Riverside Chemical Co. (Liquid Insecticide Blending).	do	APC-S-1	do	do	Do.
St. Charles Tool & Die Co., Inc	Flora	APC-S-1	do	do	Do.
Supreme Milk Co	Canton	APC-S-1	do	do	Do.
Tougaloo College	Tougaloo	APC-S-1	do	do	Do.
Trawick Construction of Canton	Canton	APC-S-1	do	do	Do.
MARION COUNTY					
Columbia Pulp & Paper Co	Columbia	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Jack Forbes Lumber Co	Sandy Hook	APC-S-1, Sec. III.	do	do	Do.
W. F. Foxworth & Son Sawmill	Foxworth	APC-S-1, Sec. III.	do	do	Do.
Georgia Pacific	Columbia	APC-S-1, Sec. III.	do	do	Do.
King Gin Co	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Marion Co. General Hospital	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Rogers Lumber Corp	do	APC-S-1, Sec. III.	do	do	Do.
Piggly Wiggly Food Store	do	APC-S-1	Feb. 28, 1974	do	Aug. 20, 1974.
Marion County General Hospital	do	APC-S-1	do	do	Nov. 17, 1974.
Breland Ready-Mix & Sup-ply Co.	do	APC-S-1	June 4, 1973	do	Sept. 23, 1974.
Pope Tire Service	do	APC-S-1	do	do	Do.
MARSHALL COUNTY					
Byhalia Gin Co	Byhalia	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Cuffawa Gin Co	Holly Springs	APC-S-1, Sec. III.	do	do	Do.
Farmers Gin Co	Potts Camp	APC-S-1, Sec. III.	do	do	Do.
Mrs. J. C. Hurdle Gin	Mt. Pleasant	APC-S-1, Sec. III.	do	do	Do.
Marshall Co. Gin Co	Holly Springs	APC-S-1, Sec. III.	do	do	Do.
Marshall County Hospital	do	APC-S-1, Sec. III.	do	do	Do.
Memphis Hardwood Flooring Co	Potts Camp	APC-S-1, Sec. III.	do	do	Feb. 19, 1974.
North Mississippi Gin Co., Inc	Holly Springs	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Red Banks Gin Co., Inc	Red Banks	APC-S-1, Sec. III.	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Victoria Gin Co	Victoria	APC-S-1, Sec. III.	do	do	Do.
Waterford Gin Co	Waterford	APC-S-1, Sec. III.	do	do	Do.
Watson Gin Co	Byhalia	APC-S-1, Sec. III.	do	do	Do.
Deluxe Products	Holly Springs	APC-S-1	June 4, 1973	do	Sept. 23, 1974.
Holly Springs Brick & Title Co., Inc.	do	APC-S-1	do	do	Do.
ITT Thompson Industries, Inc	do	APC-S-1	do	do	Do.
Occidental Chemical Co	Byhalia	APC-S-1	do	do	Do.
The Wurlitzer Co	Holly Springs	APC-S-1	do	do	Do.
Coated Abrasive Co	do	APC-S-1	do	do	Aug. 15, 1974.
MONROE COUNTY					
Aberdeen Gin Co., Inc	Aberdeen	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Aberdeen-Monroe Co., Hospital	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Beth Manufacturing Inc	Becker	APC-S-1, Sec. III.	do	do	Do.
J. T. Brand Gin Co	Prairie	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
C & F Contracting Co., Inc	Amory	APC-S-1, Sec. III.	do	do	May 17, 1974.
Sam Fredericks Sawmill	Smithville	APC-S-1, Sec. III.	do	do	Do.
Gilmore Memorial Hospital	Amory	APC-S-1, Sec. III.	do	do	Do.
Hamilton Electric Gin	Hamilton	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Kerr-McGee Chemical Corp., NaC10$_3$ plant.	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Kerr-McGee Chemical Corp., Mn plant.	do	APC-S-1, Sec. III.	do	do	Do.
New Hamilton Gin	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Parham Gin Co	Amory	APC-S-1, Sec. III.	do	do	Do.
Walker Mfg. Co	Aberdeen	APC-S-1, Sec. III.	do	do	May 17, 1974.
Gilmore-Puckett Lumber Co	Amory	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Bunge Corp	Nettleton	APC-S-1	do	do	Do.
Amory Cotton Oil Co	Amory	APC-S-1	do	do	Jan. 1, 1975.
Allied Chemical Corp	Aberdeen	APC-S-1	June 4, 1973	do	Sept. 27, 1974.
American Colloid Co	do	APC-S-1	do	do	Do.
Comer Packing Co	do	APC-S-1	do	do	Do.
Conoco Chemical	do	APC-S-1	do	do	Do.
Cramco Division	Amory	APC-S-1	do	do	Do.
Morris Ready-Mix	Aberdeen	APC-S-1	do	do	Do.
Palmer Construction Co	Amory	APC-S-1	do	do	Do.
Monroe Cotton Oil Co	Aberdeen	APC-S-1	do	do	Dec. 1, 1974.
Burris Ind	Prairie	APC-S-1	do	do	Aug. 20, 1974.
Farmers Gin, Inc	Hamilton	APC-S-1	Feb. 27, 1973	do	July 1, 1975.
MONTGOMERY COUNTY					
Tyler Holmes Memorial Hospital	Winona	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Kilmichael Hospital	Kilmichael	APC-S-1, Sec. III.	do	do	Do.
Land & Lott Gin	Winona	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
J. A. Olson Co	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Anel Engineering Industries	Winona	APC-S-1	June 4, 1973	do	Sept. 27, 1974.
Davidson Marble & Granite Works.	do	APC-S-1	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Ferguson Concrete Co	do	APC-S-1	do	do	Do.
Independent Linen Co	do	APC-S-1	do	do	Do.
Lee Kirk Gin	Duck Hill	APC-S-1	do	do	Dec. 1, 1974.
Leicon, Inc	Winona	APC-S-1	do	do	Sept. 27, 1974.
McRee Egg Farm	Kilmichael	APC-S-1	do	do	Do.
Williams Wood Products, Inc	Duck Hill	APC-S-1	do	do	Do.
Winona Handle Co	Winona	APC-S-1	do	do	Do.
Herring Bros. Gin	Kilmichael	APC-S-1	do	do	Sept. 2, 1973.
Weyerhaeuser Co. (Hardwood Dimension Mill).	do	APC-S-1	do	do	Oct. 20, 1974.
Weyerhaeuser Co. (Sawmill)	do	APC-S-1	do	do	Do.
Weyerhaeuser Co. (Tee Pee Burner).	do	APC-S-1	do	do	Do.
C & C Co., A Joint Venture	do	APC-S-1	do	do	Sept. 28, 1974.
Riverside Chemical Co. (Animal Feed Manufacturing).	do	APC-S-1	do	do	Do.
Riverside Chemical Co. (Bulk Fertilizer Blending).	do	APC-S-1	do	do	Do.
Riverside of Philadelphia Gin	do	APC-S-1	do	do	Dec. 1, 1974.
Cooper Williams Gin Co	do	APC-S-1	do	do	Do.
NEWTON COUNTY					
Newton Hospital	Newton	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
La-z-Boy South	do	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Prath Lumber Co	Union	APC-S-1	June 4, 1973	do	Sept. 28, 1974.
S. E. Welsh Lumber Co	do	APC-S-1	do	do	Do.
James Willis Sawmill	Newton	APC-S-1	do	do	Do.
Monroe Allen Contractor	do	APC-S-1	do	do	Oct. 9, 1974.
Koppers Co	Hickory	APC-S-1	do	do	Aug. 21, 1974.
NOXUBEE COUNTY					
Brick Gin	Macon	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Delta-Macon Brick & Tile Co	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Dinsmore's Gin	Prairie Point	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Atlas Brick Co	Shuqualak	APC-S-1	Dec. 16, 1974	do	Dec. 15, 1974.
Sam Finley, Inc	do	APC-S-1	June 4, 1973	do	Sept. 28, 1974.
Woody Jones Creosote Plant	Macon	APC-S-1	do	do	Do.
MFC Services Pearl Plant	do	APC-S-1	do	do	Do.
R. E. Prince Lumber Co	Shuqualak	APC-S-1	do	do	Do.
T. L. James & Co	Macon	APC-S-1	do	do	Oct. 20, 1974
Black Belt Gin	Brooksville	APC-S-1	do	do	Dec. 1, 1974.
Valley Farm Gin	Bigbee Valley	APC-S-1	do	do	Oct. 31, 1974.
E. F. Nunn & Co	Shuqualak	APC-S-1	do	do	Dec. 1, 1974.
OKTIBBEHA COUNTY					
Howard Furniture Mfg. Co., Inc	Starkville	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Humphrey Gin Co	Ebenezer	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Felix Long Memorial Hospital	Starkville	APC-S-1, Sec. III.	do	do	May 17, 1974.
Howard Furniture Manufacturing Co., Inc.	do	APC-S-1	Dec. 16, 1974	do	Apr. 1, 1975.
Montgomery Bros	Longview	APC-S-1	June 4, 1973	do	Sept. 29, 1974.
Perkins Feed Mill	Maben	APC-S-1	do	do	Do.
R & S Sawmill	do	APC-S-1	do	do	Do.
Riverside Chemical Co. (Animal Feed Manufacturing Plant).	Starkville	APC-S-1	do	do	Do.
Riverside Chemical Co. (Bulk Fertilizer Manufacturing).	do	APC-S-1	do	do	Do.
Riverside Chemical Co. (Grain Elevator).	do	APC-S-1	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Riverside Feed Mills, Inc	do	APC-S-1	do	do	Do.
Shuffield Gin	Maben	APC-S-1	do	do	Dec. 1, 1974.
Patch Concrete Service, Inc	do	APC-S-1	do	do	Sept. 28, 1974.
Atlas Ready-Mix Concrete, Inc	Starkville	APC-S-1	do	do	Do.
Beattie Feed Mill	do	APC-S-1	do	do	Do.
Briarwood Lamps, Inc	do	APC-S-1	do	do	Do.
Carborundum Co	do	APC-S-1	do	do	Do.
Waymond Fondren Sawmill	Maben	APC-S-1	do	do	Do.
J. G. Hendricks Sawmill	do	APC-S-1	do	do	Do.
C. G. McBride Sawmill	do	APC-S-1	do	do	Sept. 28, 1974.
The Monte Glove Co	do	APC-S-1	do	do	Sept. 28, 1974.
Herschede Hall Clock Co	Starkville	APC-S-1	do	do	June 30, 1974.
PANOLA COUNTY					
Batesville Gin Co	Batesville	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Batesville Hospital	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Crenshaw Planters Gin Co	Crenshaw	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Crowder Gin Co	Crowder	APC-S-1, Sec. III.	do	do	Do.
Curtis Gin & Grain Co	Batesville	APC-S-1, Sec. III.	do	do	Do.
Dixie Gin Co	do	APC-S-1, Sec. III.	do	do	Do.
North Panola County Hospital	Sardis	APC-S-1, Sec. III.	do	do	May 17, 1974.
Owen Gin Co	Crowder	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Phoenix Gin	Como	APC-S-1, Sec. III.	do	do	Do.
Pratt Gin Co	Pope	APC-S-1, Sec. III.	do	do	Do.
Sardis Gin & Mfg. Co	Sardis	APC-S-1, Sec. III.	do	do	Do.
Sardis Luggage—Roper Corp	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Smith Gin Co	Batesville	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Yount Lumber Co	Askew	APC-S-1, Sec. III.	do	do	May 17, 1974.
Breedlove Manufacturing Co	Batesville	APC-S-1	June 4, 1973	do	Sept. 30, 1974.
Crenshaw Oil Co., Inc	Crenshaw	APC-S-1	do	do	Do.
New Deal Gin	Como	APC-S-1	do	do	Dec. 1, 1974.
Modern Gin Co. of Como	do	APC-S-1	do	do	Do.
Dunlap & Kyle Co., Inc	Batesville	APC-S-1	do	do	July 1, 1974.
Self's Bobo Gin, Inc	Marks	APC-S-1	Feb. 27, 1973	do	July 31, 1975.
PEARL RIVER COUNTY					
Crosby Chemical, Inc	Picayune	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
L. O. Crosby Hospital	do	APC-S-1, Sec. III.	do	do	Do.
Chloride C.P. Co	do	APC-S-1	June 4, 1973	do	Sept. 30, 1974.
Crosby Wood Preserving Co	do	APC-S-1	do	do	Do.
Ingram Ind., Inc	do	APC-S-1	do	do	Do.
Interpine Lumber Co	do	APC-S-1	do	do	Do.
Lossett's Welding & Machine Works Inc.	do	APC-S-1	do	do	Do.
McNeill Hardwood Co	McNeill	APC-S-1	do	do	Do.
Neco Electrical Products Corp	Picayune	APC-S-1	do	do	Do.
Pearl River County Hospital	Poplarville	APC-S-1	do	do	Do.
Picayune Concrete Co	Picayune	APC-S-1	do	do	Do.
Poplarville Manufacturing Co	Poplarville	APC-S-1	do	do	Do.
Standard Container Co	Picayune	APC-S-1	do	do	Do.
Stewart Dura-Vann, Inc	do	APC-S-1	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
SMECO Steward Machine & Engineer Inc.	Picayune	APC-S-1	do	do	Do.
L. J. Thigpen Feed Co., Inc	Poplarville	APC-S-1	do	do	Do.
Wesley Fertilizer Plant, Inc	do	APC-S-1	do	do	Do.
Farmers Warehouse of Picayune, Inc.	Picayune	APC-S-1	do	do	Oct. 24, 1974.
T. L. James & Co., Inc	Crossroads	APC-S-1	do	do	Aug. 15, 1974.
PERRY COUNTY					
Cooper Lumber Co	Richton	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Delta Pine Plywood Corp	Beaumont	APC-S-1, Sec. III.	do	do	Mar. 14, 1974.
Perry County General Hospital	Richton	APC-S-1, Sec. III.	do	do	May 17, 1974.
Perry County Plywood Corp	Beaumont	APC-S-1, Sec. III.	do	do	Do.
Hilton Jones Sawmill	Richton	APC-S-1	June 4, 1973	do	Sept. 30, 1974.
Joslyn Mfg. & Supply Co	do	APC-S-1	do	do	Do.
PIKE COUNTY					
American Box Co	Fernwood	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Collinswood Process	McComb	APC-S-1, Sec. III.	do	do	Do.
Great Southern Wireboard Box Co.	Magnolia	APC-S-1, Sec. III.	do	do	Do.
M. D. Hayles Lumber Co	Fernwood	APC-S-1, Sec. III.	do	do	Do.
McComb City Hospital Association.	McComb	APC-S-1, Sec. III.	do	do	Do.
Roses Department Store	do	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Beacham Memorial Hospital	Magnolia	APC-S-1	June 4, 1973	do	Sept. 30, 1974.
Kent's Store	McComb	APC-S-1	do	do	Do.
Lamb Lumber Co	Summit	APC-S-1	do	do	Do.
Lea's Milling Co	Osyka	APC-S-1	do	do	Do.
Ole Hickory Sausage Plant	McComb	APC-S-1	do	do	Oct. 1, 1974.
Maco Coffee & Candy Co	do	APC-S-1	do	do	Do.
D. G. Seago & Son Lumber Co	Summit	APC-S-1	do	do	Oct. 30, 1974.
W. G. Sellers Lumber Co	McComb	APC-S-1	do	do	Oct. 1, 1974.
Sun Oil Co	do	APC-S-1	do	do	Do.
Southwest Mississippi Junior College.	Summit	APC-S-1	do	do	Oct. 23, 1974.
Fernwood Industries	Fernwood	APC-S-1	do	do	Sept. 30, 1974.
PONTOTOC COUNTY					
Ferguson Sawmill Inc	Bruce	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
T. J. Hale Gin Co	Pontotoc	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Joyner-Fields Inc	Sherman	APC-S-1, Sec. III.	do	do	Do.
Mississippi Eaton Corp	Pontotoc	APC-S-1, Sec. III.	do	do	Do.
Pontotoc Community Hospital	do	APC-S-1, Sec. III.	do	do	Do.
Randolph Electric Gin Co	Randolph	APC-S-1, Sec. III.	Feb. 23, 1973	do	Dec. 1, 1974.
Riverside of Pontotoc Ecru Gin	Pontotoc	APC-S-1, Sec. III.	do	do	Do.
Riverside of Pontotoc Pontotoc Gin.	do	APC-S-1, Sec. III.	do	do	Do.
Riverside of Pontotoc Toctopola Gin.	do	APC-S-1, Sec. III.	do	do	Do.
Riverside of Pontotoc Zion Gin	do	APC-S-1, Sec. III.	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Brookwood Furniture	do	APC-S-1	June 4, 1973	do	Oct. 1, 1974.
Keystone Metal Moulding	do	APC-S-1	do	do	Oct. 3, 1974.
Minn-Conn Zion Gin	do	APC-S-1	do	do	Dec. 1, 1974.
Minn-Conn Ecru Gin	Ecru	APC-S-1	do	do	Do.
Ram Golf Corp	Pontotoc	APC-S-1	do	do	Oct. 3, 1974.
Sneed's Farm Supply Milling Co., Inc.	do	APC-S-1	do	do	Do.
Riverside Chemical Co. (Liquid Fertilizer Blending).	do	APC-S-1	do	do	Do.
Riverside Chemical Co. (Grain Elevator).	do	APC-S-1	do	do	Do.
Riverside Chemical Co. (Dry Fertilizer Blending).	do	APC-S-1	do	do	Do.
Bankhead Lumber Co	do	APC-S-1	do	do	Oct. 1, 1974.
PRENTISS COUNTY					
Booneville Gin Co., Inc	Booneville	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Frankstown Gin Co	Baldwyn	APC-S-1, Sec. III.	do	do	Do.
Hobo Gin Co	Booneville	APC-S-1, Sec. III.	do	do	Do.
Marietta Gin Co	Marietta	APC-S-1, Sec. III.	do	do	June 1, 1975.
Northeast Mississippi Hospital	Booneville	APC-S-1, Sec. III.	do	do	May 17, 1974.
Gaines Manufacturing Co	do	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Booneville Grain Co	do	APC-S-1	June 4, 1973	do	Oct. 13, 1974.
Jordan Ind., Inc	do	APC-S-1	do	do	Do.
Jumpertown Gin	do	APC-S-1	do	do	Do.
S & J Ready-Mix	do	APC-S-1	do	do	Do.
South Central Plastics, Inc	do	APC-S-1	do	do	Do.
Walden Sawmill	do	APC-S-1	do	do	Do.
Cole Sawmill	do	APC-S-1	do	do	Oct. 4, 1974.
QUITMAN COUNTY					
Birdie Gin Co	Darling	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Riverside Industries Inc	Marks	APC-S-1, Sec. III.	do	do	Jan. 1, 1974.
Walnut Gin Co	Vance	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Yandell Bros. Gin Co	do	APC-S-1, Sec. III.	do	do	July 1, 1975.
Kentucky-Tennessee Clay Co	Crenshaw	APC-S-1	Dec. 16, 1974	do	Mar. 7, 1975.
Sabino Gin Co	Lambert	APC-S-1	June 4, 1973	do	Dec. 1, 1974.
Peoples Gin Co., Inc	Darling	APC-S-1	do	do	Do.
Peoples Gin Co	Lambert	APC-S-1	do	do	Do.
Owens Gin Co	Clarksdale	APC-S-1	do	do	Do.
North Gin Co	Lambert	APC-S-1	do	do	Do.
Planter's Gin Co. at Crenshaw	Crenshaw	APC-S-1	do	do	Do.
DelMar Plantation Gin	Marks	APC-S-1	do	do	Do.
Valley Gin, Inc	do	APC-S-1	do	do	July 17, 1975.
Self and Company Certified Gin	do	APC-S-1	do	do	Do.
Self's Belen Gin	do	APC-S-1	do	do	Do.
Self's Farmer's Gin	do	APC-S-1	do	do	Do.
FRANKIN COUNTY					
Bob's Enterprises, Inc., Star Grocery No. 2	Jackson	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Cataphote Corp	do	APC-S-1, Sec. III.	do	do	Feb. 1, 1974.
Fannin Gin	Brandon	APC-S-1, Sec. III.	do	do	Do.
Kennedy Sawmill Co	do	APC-S-1, Sec. III.	do	do	May 17, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Klean Steel Mfg. Corp	Jackson	APC-S-1, Sec. III.	do	do	May 1, 1973.
O'Neal Steel Inc	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Piggly Wiggly Supermarket	Brandon	APC-S-1, Sec. III.	do	do	Apr. 17, 1974.
Rankin Co. Processing Com	Jackson	APC-S-1, Sec. III.	do	do	May 17, 1974.
Sandhill Gin Inc	Sandhill	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Star Super Market No. 4	Plain	APC-S-1, Sec. III.	do	do	May 17, 1974.
Sunflower Food Store No. 57	Pearl	APC-S-1, Sec. III.	do	do	Do.
Brooks C. Vance Sawmill	Sand Hill	APC-S-1, Sec. III.	do	do	Do.
Cataphote Corporation Division of Ferro Corp.	Flowood	APC-S-1	Dec. 16, 1974	do	June 1, 1975.
Aztec Industries, Inc	Plain	APC-S-1	June 4, 1973	do	Oct. 13, 1974.
Beard Ready Mix, Inc	Pelahatchie	APC-S-1	do	do	Do.
Contract Manufacturing, Inc	Florence	APC-S-1	do	do	Do.
Davis Feed Mill	Pelahatchie	APC-S-1	do	do	Do.
Glass Container Corp	Flowood	APC-S-1	do	do	Do.
Jackson Oil Prod	Jackson	APC-S-1	do	do	Do.
Kent's Department Store	do	APC-S-1	do	do	Do.
Mississippi Steel Division, Magna Corp.	do	APC-S-1	do	do	Do.
Mosaic Tile Co	Flowood	APC-S-1	do	do	Do.
Pelahatchie Poultry Co	Pelahatchie	APC-S-1	do	do	Do.
Polk Concrete Products, Inc	Jackson	APC-S-1	do	do	Do.
Star Market, Pearson Rd	do	APC-S-1	do	do	Do.
International Paper Co	Brandon	APC-S-1	do	do	Dec. 1, 1973.
Mississippi Materials Co	Jackson	APC-S-1	do	do	Mar. 1, 1975.
SCOTT COUNTY					
W. E. Blain & Sons, Inc	Forest	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Cochran & Myers Gin	Harperville	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Gatewood Gin	Forest	APC-S-1, Sec. III.	do	do	Do.
S. E. Lackey Memorial Hospital	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
W. J. Measels & Sons Cotton Gin.	Morton	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Scott Co. Grain Elevator Inc	Sebastopol	APC-S-1, Sec. III.	do	do	May 17, 1974.
Austin Road Co	Forest	APC-S-1	June 4, 1973	do	Oct. 13, 1974.
Canton Milling, Inc	Morton	APC-S-1	do	do	Do.
Forest Packing Company, Inc	Forest	APC-S-1	do	do	Do.
Hankins & Eubanks Lumber Co	Lake	APC-S-1	do	do	Do.
King Lumber Co	Forest	APC-S-1	do	do	Do.
Little Princess Foods	do	APC-S-1	do	do	Do.
B. C. Rogers & Sons (Chicken Processing Plant).	Morton	APC-S-1	do	do	Do.
B. C. Rogers & Sons (Feed Mill)	do	APC-S-1	do	do	Do.
Southeastern Poultry	Forest	APC-S-1	do	do	Do.
M. L. Stewart Lumber Co	Morton	APC-S-1	do	do	Do.
Sunbeam Corp	Forest	APC-S-1	do	do	Do.
Talon Division of Textron	Morton	APC-S-1	do	do	Do.
Warren Bros	Forest	APC-S-1	do	do	Do.
J. B. Wolf Sawmill	Lake	APC-S-1	do	do	Do.
Moore Farming Co., Inc	Morton	APC-S-1	do	do	Oct. 10, 1974.
SHARKEY COUNTY					
Associated Producers Gin, Inc	Rolling Fork	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Belmont Gin, Inc.	Cary	APC-S-1, Sec. III.	do	do	Do.
Cary Ginnery, Inc	do	APC-S-1, Sec. III.	do	do	Do.
Catchings Gin Co., Inc	Delta City	APC-S-1, Sec. III.	do	do	Do.
Farmers Gin Co., Inc	Anguilla	APC-S-1, Sec. III.	do	do	Do.
Grundfest & Klaus, Inc	Cary	APC-S-1, Sec. III.	do	do	Do.
Kin-Gin, Inc	Delta City	APC-S-1, Sec. III.	do	do	Do.
Panther Burn Gin Co., Inc	Panther Burn	APC-S-1, Sec. III.	do	do	Do.
Sharkey Gin, Inc	Anguilla	APC-S-1, Sec. III.	do	do	Do.
Sharkey-Issaquena Community Hospital.	Rolling Fork	APC-S-1, Sec. III.	do	do	May 17, 1974.
Vickland Gin Co., Inc	Nitta Yuma	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Associate Producers Gin, Inc., No. 2.	Rolling Fork	APC-S-1	Feb. 28, 1974	do	Dec. 1, 1974.
Cameta Gin	Cameta	APC-S-1	do	do	Feb. 7, 1975.
Hands Gin	Cary	APC-S-1	June 4, 1973	do	Dec. 1, 1974.
LCR Manufacturing	Anguilla	APC-S-1	do	do	Oct. 13, 1974.

SIMPSON COUNTY

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Broadhead Lumber & Mfg. Co., Inc.	Mendenhall	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Pinola Gin Co	Pinola	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Simpson General Hospital	Mendenhall	APC-S-1, Sec. III.	do	do	Do.
South Central Ready Mix, Inc	Magee	APC-S-1, Sec. III.	do	do	Do.
South Central Ready Mix, Inc	Mendenhall	APC-S-1, Sec. III.	do	do	Do.
Universal Mfg. Corp	do	APC-S-1, Sec. III.	do	do	Dec. 25, 1973.
Vanderford Lumber Co	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
W. E. Blain & Sons, Inc	Pinola	APC-S-1	Feb. 28, 1974	do	July 15, 1974.
C. D. Rhodes Sawmill	Braxton	APC-S-1	do	do	Nov. 9, 1974.
A. C. Quality Farms, Inc	Mendenhall	APC-S-1	June 4, 1973	do	Oct. 13, 1974.
Grubbs Poultry Market	Magee	APC-S-1	do	do	Do.
Reynolds Lumber Co	do	APC-S-1	do	do	Do.
Roach Cabinet & Millwork	do	APC-S-1	do	do	Do.
Sullivan Curing & Processing Plant.	Mendenhall	APC-S-1	do	do	Do.
Super Duper Gin	Magee	APC-S-1	do	do	Dec. 1, 1974.
MFC Services	do	APC-S-1	do	do	Aug. 20, 1974.

SMITH COUNTY

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Georgia-Pacific Corp	Taylorsville	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Smith Co. General Hospital	Raleigh	APC-S-1, Sec. III.	do	do	Do.
Georgia-Pacific Corp	Taylorsville	APC-S-1	Dec. 16, 1974	do	Apr. 1, 1975.
(Particleboard plant)	do	APC-S-1	do	do	Jan. 1, 1975.
K. D. Products, Inc	Raleigh	APC-S-1	June 4, 1973	do	Oct. 13, 1974.
Lindsey Wood Co	Taylorsville	APC-S-1	do	do	Do.
T. H. Luckey Lumber	Mize	APC-S-1	do	do	Do.
Pine Belt Ready-Mix Concrete	Taylorsville	APC-S-1	do	do	Oct. 1, 1974.
Raleigh Lumber Co	Raleigh	APC-S-1	do	do	Oct. 20, 1974.
Taylorsville Gin Co	Taylorsville	APC-S-1	do	do	Dec. 1, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
STONE COUNTY					
Timco, Inc	Wiggins	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Breland Ready-Mix & Supply Co., Inc.	do	APC-S-1	June 4, 1973	do	Oct. 13, 1974.
Hillcrest Farms	Perkinston	APC-S-1	do	do	Do.
N. E. Neely Lumber Co	Wiggins	APC-S-1	do	do	Do.
Wiggins Lumber Co	do	APC-S-1	do	do	Do.
International Paper	do	APC-S-1	do	do	Aug. 20, 1974.
McHenry Lumber Co	McHenry	APC-S-1	do	do	Oct. 13, 1974.
SUNFLOWER COUNTY					
A. E. Boyer Gin Co	Indianola	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Britt Plantation & Gin	do	APC-S-1, Sec. III.	do	do	July 31, 1975.
Brooks Gin, Inc	Drew	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Cane Lake Gin Co	Ruleville	APC-S-1, Sec. III.	do	do	Do.
Delta Gin Co	do	APC-S-1, Sec. III.	do	do	July 31, 1975.
Delta Gin of Inverness	Inverness	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Faisonia Plantation Gin	Indianola	APC-S-1, Sec. III.	do	do	Do.
Farmers Gin Co	Doddsville	APC-S-1, Sec. III.	do	do	Do.
Farmers Gin Co., Inc., No. 2	Drew	APC-S-1, Sec. III.	do	do	Do.
Fisackerly Gin Co	Blaine	APC-S-1, Sec. III.	do	do	Do.
Garrard Plantation Gin	Indianola	APC-S-1, Sec. III.	do	do	July 31, 1975.
Holly Ridge Gin Co	Holly Ridge	APC-S-1, Sec. III.	do	do	Do.
Martin Farm & Public Gin	Indianola	APC-S-1, Sec. III.	do	do	Do.
Merchants & Planters Gin Co	Sunflower	APC-S-1, Sec. III.	do	do	Do.
Moorhead Gin Inc	Moorhead	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Northside Gin Co	Sunflower	APC-S-1, Sec. III.	do	do	Do.
Planters Gin Co. of Indianola	Indianola	APC-S-1, Sec. III.	do	do	July 31, 1975.
Ruleville Gin Co., Inc	Ruleville	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
South Sunflower County Hospital	Indianola	APC-S-1, Sec. III.	do	do	May 17, 1974.
Three Lion Britches Inc	Ruleville	APC-S-1, Sec. III.	do	do	Do.
Berryhill Bros. Planting Co	Rome	APC-S-1	June 4, 1973	do	Dec. 1, 1974.
Crawford Ready Mix Co	Indianola	APC-S-1	do	do	Oct. 4, 1974.
Farmers Gin Co., Inc. (No. 3)	Drew	APC-S-1	do	do	Dec. 1, 1974.
Mrs. Lucy B. Hill	Rome	APC-S-1	do	do	Do.
Indianola Supply & Cotton Gin Co., Inc.	Indianola	APC-S-1	do	do	Do.
ITT Thompson Ind	Drew	APC-S-1	do	do	Oct. 4, 1974.
J.F.W.P. Gin Co., Inc	Sunflower	APC-S-1	do	do	Dec. 1, 1974.
Ludlow Corp	Indianola	APC-S-1	do	do	Oct. 4, 1974.
Manning Gin Co., Inc	Drew	APC-S-1	do	do	Dec. 1, 1974.
Sunflower Gin	Sunflower	APC-S-1	do	do	July 31, 1975.
Noel Ind., Inc	Ruleville	APC-S-1	do	do	Oct. 4, 1974.
Mississippi State Penitentiary Gin.	Parchman	APC-S-1	do	do	Dec. 1, 1974.
Paymaster Oil Mill Co	Ruleville	APC-S-1	do	do	Oct. 4, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Ruleville Manufacturing Co	do	APC-S-1	do	do	Do.
West Packing Co	Indianola	APC-S-1	do	do	Do.
Baird Gin Co	Baird	APC-S-1	do	do	Dec. 1, 1974.
Parker Bros. & Cummin, Inc	Drew	APC-S-1	do	do	Do.
Delta Brick & Tile Co., Inc	Indianola	APC-S-1	do	do	July 31, 1975.
TALLAHATCHIE COUNTY					
The Abbey Gin	Webb	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Albin Gin Co	do	APC-S-1, Sec. III.	do	do	Do.
Buford Gin Co	Swan Lake	APC-S-1, Sec. III.	do	do	July 1, 1975.
Cowart Gin Co., Inc	Charleston	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Due West Gin Co	Glendora	APC-S-1, Sec. III.	do	do	Do.
J. R. Flautt's & Sons Gin	Swan Lake	APC-S-1, Sec. III.	do	do	Dec. 1, 1973.
Glendora Gin Co	Glendora	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
House Gin Co	Enid	APC-S-1, Sec. III.	do	do	Do.
Marcel Co-operative Gin	Phillip	APC-S-1, Sec. III.	do	do	Do.
Midway Gin Co	Glendora	APC-S-1, Sec. III.	do	do	Do.
Mitchener Gin Inc	Sumner	APC-S-1, Sec. III.	do	do	July 1, 1975.
Paynes Gin Co., Inc	Charleston	APC-S-1, Sec. III.	do	do	Do.
Phillips Gin Co., Inc	Phillip	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Planters Gin Co	Sumner	APC-S-1, Sec. III.	do	do	Do.
Sumner Gin Co., Inc	do	APC-S-1, Sec. III.	do	do	Do.
Tippo Gin Association	Tippo	APC-S-1, Sec. III.	do	do	Do.
Tutwiler Ginning Co., Inc	Tutwiler	APC-S-1, Sec. III.	do	do	Do.
Webb Gin Co	Webb	APC-S-1, Sec. III.	do	do	July 1, 1975.
Tallahatchie Hardwood	Charleston	APC-S-1	Dec. 16, 1974	do	Oct. 5, 1974.
Brazil Gin	Summer	APC-S-1	June 4, 1973	do	Dec. 1, 1974.
Charldon Manufacturing Co	Charleston	APC-S-1	do	do	Oct. 4, 1974.
A. P. deMange Lumber Co., Inc	do	APC-S-1	do	do	Oct. 5, 1974.
W. L. Lowe	Glendora	APC-S-1	do	do	Do.
Tallahatchie General Hospital	Charleston	APC-S-1	do	do	Do.
Farmer's Gin of Charleston, Inc	do	APC-S-1	do	do	Dec. 1, 1974.
TATE COUNTY					
Coldwater Cotton Gin	Coldwater	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Turleys Bros. Gin	Savage	APC-S-1, Sec. III.	do	do	Do.
Wyatte Gin Co	Senatobia	APC-S-1, Sec. III.	Feb. 28, 1974	do	Do.
Tate County Ready-Mix, Inc	do	APC-S-1	do	do	May 28, 1975.
B & M Cleaners and Shirt Laundry	do	APC-S-1	June 4, 1973	do	Oct. 4, 1974.
A. B. Cullen & Sons	Coldwater	APC-S-1	do	do	Do.
The Dehner Co	do	APC-S-1	do	do	Do.
Pollan Dry Cleaners	Senatobia	APC-S-1	do	do	Do.
Senatobia Fixture Co	do	APC-S-1	do	do	Do.
Sterling Gin Co	do	APC-S-1	do	do	Dec. 1, 1974.
Thyratira Gin Co., Inc	do	APC-S-1	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Chromcraft Corp	do	APC-S-1	do	do	Aug. 1, 1974.
W. L. Wallace & Sons Gin Co	Coldwater	APC-S-1	do	do	Dec. 1, 1974.
Farmers Gin Co., Inc	do	APC-S-1	do	do	July 31, 1975.
TIPPAH COUNTY					
Childs Gin	Ripley	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
McAlister Gin Co	Blue Mountain	APC-S-1, Sec. III.	do	do	Do.
Ripley Gin Co	Ripley	APC-S-1, Sec. III.	do	do	Do.
Tippah County Hospital	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Tippersville Gin Co	Tippersville	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Lockhart Feed Mill	Ripley	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
BASF Wyandotte Corp	Blue Mountain	APC-S-1	June 4, 1973	do	Oct. 5, 1974.
J. E. Butler Sawmill	Falkner	APC-S-1	do	do	Do.
Genesco	Ripley	APC-S-1	do	do	Do.
L. J. Grisham Sawmill	do	APC-S-1	do	do	Do.
Hot Mix, Inc	Tiplersville	APC-S-1	do	do	Oct. 30, 1974.
Johnson Lumber Co	Walnut	APC-S-1	do	do	Oct. 5, 1974.
Nails Sawmill, Inc	do	APC-S-1	do	do	Do.
North Ripley Lumber Co	Ripley	APC-S-1	do	do	Do.
Oil-Dri Production Co	do	APC-S-1	do	do	Do.
Ripley Saw Co	do	APC-S-1	do	do	Do.
Walnut Wood Products Co., Inc	Walnut	APC-S-1	do	do	Do.
Jeff Young Sawmill	Ripley	APC-S-1	do	do	Do.
Dickerson & Peeler Sawmill	do	APC-S-1	do	do	Aug. 20, 1974.
Falkner Gin Co	Falkner	APC-S-1	do	do	Dec. 1, 1974.
Walnut Gin Co	Walnut	APC-S-1	do	do	Do.
J. E. Hodum Sawmill	do	APC-S-1	do	do	Oct. 1, 1974.
Fred Bass Sawmill	do	APC-S-1	do	do	Oct. 5, 1974.
TISHOMINGO COUNTY					
Carters Belmont Gin Co., Inc	Belmont	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Iuka Gin Co	Iuka	APC-S-1, Sec. III.	do	do	Do.
Burnsville Gin Co	Burnsville	APC-S-1	June 4, 1973	do	Dec. 1, 1974.
Miss. Stone Co., Inc	Iuka	APC-S-1	do	do	Oct. 5, 1974.
Tishomingo County Hospital	do	APC-S-1	do	do	Do.
Genesco	do	APC-S-1	do	do	Oct. 9, 1974.
TUNICA COUNTY					
Bowdre Plantation Gin	Robinsonville	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Farmers & Planters Gin Co		APC-S-1, Sec. III.	do	do	Do.
Flower Lake Gin	Dundee	APC-S-1, Sec. III.	do	do	Do.
Hood & Block Gin	Tunica	APC-S-1, Sec. III.	do	do	Do.
Martin & West Gin Co	Dundee	APC-S-1, Sec. III.	do	do	Do.
Maud Gin Co., Inc	Tunica	APC-S-1, Sec. III.	do	do	Do.
Perry Gin Co	do	APC-S-1, Sec. III.	do	do	Do.
Porter's Gin	West Union	APC-S-1, Sec. III.	do	do	Do.
Robinsonville Seed Co	Robinsonville	APC-S-1, Sec. III	do	do	Do
Abboy & Leatherman, Inc	do	APC-S-1	June 4, 1973	do	Do
Owen Bros. Gin	Tunica	APC-S-1	do	do	Do.
Planters Oil Mill	do	APC-S-1	do	do	Oct. 6, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Tunica Manufacturing Co., Inc	do	APC-S-1	do	do	Do.
Seven-Mile Gin	do	APC-S-1	do	do	Dec. 1, 1974.
Taylor Gin Supply Co	Dundee	APC-S-1	do	do	Do.
Three Way Gin Co	Tunica	APC-S-1	do	do	Do.
Tunica County Hospital	do	APC-S-1	do	do	Aug. 20, 1974.
		UNION COUNTY			
Mississippi Chemical Corp	New Albany	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Sept. 1, 1973.
Porter's Gin	West Union	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Morris Feed Mill	Enterprise	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Denton Sleeping Garment Mills	New Albany	APC-S-1	June 4, 1973	do	Oct. 6, 1974.
Ertel Mfg. Corp	do	APC-S-1	do	do	Do.
Laher Spring & Electric Car Corp	do	APC-S-1	do	do	Do.
Long Bros. Gin	Blue Spring	APC-S-1	do	do	Dec. 1, 1974.
Master-Bilt Product Division	New Albany	APC-S-1	do	do	Oct. 6, 1974.
U.S. Extrusion Impacts, Inc	do	APC-S-1	do	do	Do.
Union Lumber Co. (Lumber)	do	APC-S-1	do	do	Do.
Union Lumber Co. (Ready Mix Concrete).	do	APC-S-1	do	do	Do.
Roger's Gin & Supply Co	do	APC-S-1	do	do	Dec. 1, 1974.
MFC Services	do	APC-S-1	do	do	Aug. 20, 1974
		WALTHALL COUNTY			
Gennin Gin Co	Tylertown	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Phillips-Lamp Lumber Co	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Walthall Community General Hospital.	do	APC-S-1, Sec. III.	do	do	Do.
Cantwell's Feed Mill	do	APC-S-1	June 4, 1973	do	Oct. 6, 1974.
Walthall Gin Co	do	APC-S-1	do	do	Dec. 1, 1974.
		WARREN COUNTY			
Department of the Army—Vicksburg District, Corps of Engineers.	Vicksburg	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Houston Bros. Lumber Co	do	APC-S-1, Sec. III.	do	do	Do.
U.S. Rubber Reclaiming	do	APC-S-1	do	do	May 1, 1975.
Vicksburg Chemical Co. K-No. 3 Dust Emissions.	do	APC-S-1	Dec. 16, 1974	do	Feb. 1, 1975.
Valley Cement Ind., Inc	Redwood	APC-S-1	do	do	Feb. 12, 1975.
Mid-South Milling Co	Vicksburg	APC-S-1	do	do	Oct. 20, 1974.
Vicksburg Terminal Elevators	do	APC-S-1	June 4, 1973	do	Oct. 13, 1974.
Vicksburg Tow Co	do	APC-S-1	do	do	Do.
Westinghouse Electric Co	do	APC-S-1	do	do	Do.
Wood Bros. Manufacturing Co	do	APC-S-1	do	do	Do.
Donnel Builders, Inc	do	APC-S-1	do	do	Oct. 20, 1974.
Brunswick Gin	do	APC-S-1	do	do	Dec. 1, 1974.
Big River Shipbuilding, Inc	do	APC-S-1	do	do	Oct. 20, 1974.
Port Gibson Concrete Co	do	APC-S-1	do	do	Do.
Vicksburg Concrete Co., Inc	do	APC-S-1	do	do	Do.
Valley Mills Co	do	APC-S-1	do	do	Do.
Sangamo Elec. Co	do	APC-S-1	do	do	Do.
Magnolia Homes Manufacturing Corp.	do	APC-S-1	do	do	Do.
Ludke Electric, Inc	do	APC-S-1	do	do	Do.
Jitney Jungle No. 4	do	APC-S-1	do	do	Do.
Gooch's Feed Mill	do	APC-S-1	do	do	Do.
Flintkote Co	do	APC-S-1	do	do	Do.
Anderson-Tully Co. Mill D	Waltersville	APC-S-1	do	do	Oct. 9, 1974.
Anderson-Tully Co. Mill J	do	APC-S-1	do	do	Do.
Anderson-Tully Co. Waltersville Mill.	do	APC-S-1	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Vicksburg Convalescent Home	Vicksburg	APC-S-1	do	do	Apr. 1, 1974.
Vicksburg Chemical Vent No. 1	do	APC-S-1	do	do	Do.
Vicksburg Chemical Vent No. 2	do	APC-S-1	do	do	June 30, 1975.
W. J. Runyan & Son Construction Co.	Highway 27, Vicksburg.	APC-S-1	do	do	Oct. 31, 1974.
W. J. Runyan & Son Construction Co.	Highway 61 N, Vicksburg.	APC-S-1	do	do	Do.
Mercy Hospital Street Memorial	Vicksburg	APC-S-1	do	do	July 1, 1974.
International Paper Co.:					
a. Paper Mill Continuous Digestor.	do	APC-S-1	do	do	May 31, 1975.
b. Evaporator	do	APC-S-1	do	do	Do.
c. Lime Kiln	do	APC-S-1	do	do	Do.
Atlas Tank Manufacturing Co	do	APC-S-1	do	do	Dec. 31, 1974.
WASHINGTON COUNTY					
Allied Gin Co	Leland	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Avon Gin Co. (AAL)	Avon	APC-S-1, Sec. III.	do	do	Do.
Berkley Cooperative Gin Co	Chatham	APC-S-1, Sec. III.	do	do	Do.
Burdine & Ross, Inc	Greenville	APC-S-1, Sec. III.	do	do	May 17, 1974.
Darlove Gin	Darlove	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Deer Creek Gin Co	Leland	APC-S-1, Sec. III.	do	do	Do.
Delta Gin Co	Metcalfe	APC-S-1, Sec. III.	do	do	Do.
Dunleith Gin	Leland	APC-S-1, Sec. III.	do	do	Do.
Estill Gin Co., Inc	Hollandale	APC-S-1, Sec. III.	do	do	Do.
Fisher-Rich Gin Co	Chatham	APC-S-1, Sec. III.	do	do	Do.
Gilnockie Planting Co	Elizabeth	APC-S-1, Sec. III.	do	do	Do.
H. K. Hammett & Sons	Greenville	APC-S-1, Sec. III.	do	do	Do.
King's Daughter Hospital	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Lake Washington Gin Co., Inc	Glen Allan	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Leland Oil Works Gin	Leland	APC-S-1, Sec. III.	do	do	Do.
Mississippi Cottonseed Products Co.	Hollandale	APC-S-1, Sec. III.	do	do	May 17, 1974.
Neill Gin Co	Leland	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
South Washington Co. Hospital	Hollandale	APC-S-1, Sec. III.	do	do	May 17, 1974.
Swiftwater Gin Co	Wayside	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Thompson-Haywood Chemical Co.	Greenville	APC-S-1, Sec. III.	do	do	May 17, 1974.
Trail Lake Gin Co	Tralake	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Tribbett Gin Co	Tribbett	APC-S-1, Sec. III.	do	do	Do.
Walker Farms Gin No. 1	Stoneville	APC-S-1, Sec. III.	do	do	Do.
Walker Farms Gin No. 2	do	APC-S-1, Sec. III.	do	do	Do.
W. S. Witte Memorial Hospital	Leland	APC-S-1, Sec. III.	do	do	May 17, 1974.
J. J. Ferguson Ready Mix Hot Mix Co.	Greenville	APC-S-1	Feb. 28, 1974	do	Dec. 1, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Burge Corp	do	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
U.S. Gypsum Co	do	APC-S-1	do	do	Apr. 1, 1975.
Mississippi Marine Corp	do	APC-S-1	June 4, 1973	do	Oct. 13, 1974.
Greenville Mill Division Mohasco Ind.	do	APC-S-1	do	do	Do.
Tri-State Concrete Products, Inc	do	APC-S-1	do	do	Do.
Walker Farms Dairy Products, Inc.	Stoneville	APC-S-1	do	do	Do.
Y-D Lumber Co	Hollandale	APC-S-1	do	do	Do.
Staple Cotton Services Assoc	do	APC-S-1	do	do	Oct. 20, 1974.
Rode Ready Mix Concrete Co	do	APC-S-1	do	do	Do.
Hollandale Elevator Co	do	APC-S-1	do	do	Do.
Warren Bros. Co	Greenville	APC-S-1	do	do	Do.
Mid States Steel & Wire	do	APC-S-1	do	do	Oct. 9, 1974.
Arkansas Valley, Ind., Inc	do	APC-S-1	do	do	Oct. 13, 1974.
Belton Bagging Co	do	APC-S-1	do	do	Do.
Brown's Sheet Metal & Roofing, Inc.	do	APC-S-1	do	do	Do.
Clark Farm & Gin Co	Arcola	APC-S-1	do	do	Dec. 1, 1974.
Delta Metal Forming	Greenville	APC-S-1	do	do	Oct. 13, 1974.
Greenville Head & Block Co., Inc.	do	APC-S-1	do	do	Do.
Greenville Ready-Mix Concrete Co., Inc.	do	APC-S-1	do	do	Do.
Mid-States Metal Products	do	APC-S-1	do	do	Do.
Cleaver Brooks Co	do	APC-S-1	do	do	Do.
Chicago Mill & Lumber Co	do	APC-S-1	do	do	July 31, 1975.
Crowe Gin Co	Hollandale	APC-S-1	do	do	Dec. 1, 1974.
Dillingham Manufacturing Co	Leland	APC-S-1	do	do	Aug. 21, 1974.
Hampton Gin & Supply Co	Glen Allen	APC-S-1	do	do	Dec. 1, 1974.
Horton Gin Co., Inc	Hollandale	APC-S-1	do	do	Do.
Refuge Plantation Gin	Greenville	APC-S-1	do	do	Do.
Valley Chemical Co	do	APC-S-1	do	do	Aug. 21, 1974.
Leland Oil Works	Leland	APC-S-1	do	do	Oct. 19, 1974.
Burdette Gin Co	do	APC-S-1	Feb. 27, 1973	do	July 31, 1975.
Dean Gin Co	Tribbett	APC-S-1	do	do	Do.
Highland Plantation Gin	Greenville	APC-S-1	do	do	Do.
Hollandale Gin Co	Hollandale	APC-S-1	do	do	Do.
North Leland Gin Co	Leland	APC-S-1	do	do	Do.
Rebel Gin Co	Arcola	APC-S-1	do	do	Do.
WAYNE COUNTY					
Wayne General Hospital	Waynesboro	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Day Co., Inc	do	APC-S-1	June 4, 1973	do	July 1, 1975.
Wayne Manufacturing Co	do	APC-S-1	do	do	Oct. 1, 1974.
Longleaf Forest Products	do	APC-S-1	do	do	Oct. 20, 1974.
WEBSTER COUNTY					
Belle Fontaine Gin Co	Belle Fontaine	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Futorian Corp	Eupora	APC-S-1, Sec. III.	do	do	Dec. 10, 1973.
W. H. Lamb Gin Co	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Phillips Contracting Co., Inc	Mathiston	APC-S-1, Sec. III.	do	do	May 17, 1974.
Webster General Hospital	Eupora	APC-S-1, Sec. III.	do	do	Do.
Mersman Bros. Corp	do	APC-S-1	June 4, 1973	do	Oct. 1, 1974.
Doolittle Gin Co	do	APC-S-1	do	do	Dec. 1, 1974.
WILKINSON COUNTY					
Field Memorial Community Hospital	Centerville	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	May 17, 1974.
Laurel Hill Lumber Co	Woodville	APC-S-1	June 4, 1973	do	Oct. 20, 1974.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
WINSTON COUNTY					
James T. Estes Gin Co	Noxapater	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Farmers Gin Associates	Louisville	APC-S-1, Sec. III.	do	do	Do.
River & Reynolds Lumber Co	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
John Woodard's Cotton Gin	do	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Quality Feed Mill	do	APC-S-1	Feb. 28, 1974	do	Do.
Barton Sawmill	do	APC-S-1	Dec. 16, 1974	do	July 31, 1975.
Georgia-Pacific Corp. (Particleboard Plant).	do	APC-S-1	do	do	July 1, 1975.
Louisville Sawmill (Koppers Co.)	do	APC-S-1	June 4, 1973	do	Oct. 1, 1974.
Spartus Corp	do	APC-S-1	do	do	Do.
Winston County Community Hospital.	do	APC-S-1	do	do	Do.
Wand-Boydstun	do	APC-S-1	do	do	Oct. 20, 1974.
YALOBUSHA COUNTY					
B & I Gin Co., Inc	Water Valley	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Riles Lumber Co	do	APC-S-1	June 4, 1973	do	Oct. 1, 1974.
The New Gin	Coffeeville	APC-S-1	do	do	Dec. 1, 1974.
YAZOO COUNTY					
Bentonia Gin Co	Bentonia	APC-S-1, Sec. III.	Feb. 27, 1973	Immediately	Dec. 1, 1974.
Carroll Gin Co	Holly Bluff	APC-S-1, Sec. III.	do	do	Do.
Jordan's Gin Co	Yazoo City	APC-S-1, Sec. III.	do	do	July 31, 1975.
King's Daughter Hospital	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Linwood Gin Co	Vaughan	APC-S-1, Sec. III.	do	do	Dec. 1, 1974.
Midway Gin of Yazoo Co., Inc	Benton	APC-S-1, Sec. III.	do	do	Do.
Miss. Chemical Corp.—Ammonium Nitrate Plant.	Yazoo City	APC-S-1, Sec. III.	do	do	July 31, 1975.
Miss. Chemical Corp.—Fertilizer Facility.	do	APC-S-1, Sec. III.	do	do	Sept. 1, 1973.
Mississippi Chemical Corp. Urea Plant.	do	APC-S-1, Sec. III.	do	do	Feb. 1, 1974.
Mississippi Supply Co	do	APC-S-1, Sec. III.	do	do	May 17, 1974.
Peoples Gin Co	Carter	APC-S-1, Sec. III.	do	do	July 31, 1975.
Riverside Gin Co., Inc	Yazoo City	APC-S-1, Sec. III.	do	do	Do.
Satartia Gin Co	Satartia	APC-S-1, Sec III.	do	do	Do.
Schaefer's Gin	Yazoo City	APC-S-1, Sec. III.	do	do	Do.
Sharbrough Gin Co	Holly Bluff	APC-S-1, Sec. III.	do	do	Do.
Bunge Corp	Yazoo City	APC-S-1	Dec. 16, 1974	do	Do.
Mississippi Chemical Corp. (Urea Plant).	do	APC-S-1	Feb. 28, 1974	do	Do.
Ammonium Nitrate Neutralizer Section.	do	APC-S-1	do	do	Do.
Cathey-Williams-Jones Co	Bentonia	APC-S-1	June 4, 1973	do	Oct. 13, 1974.
Gooch Bros. Lumber	Yazoo City	APC-S-1	do	do	Do.
Vaughn Gin Co	Vaughn	APC-S-1	do	do	Dec. 1, 1974.
Yazoo Paving Co	Yazoo City	APC-S-1	do	do	Oct. 13, 1974.
Yazoo Ready Mix	do	APC-S-1	do	do	Do.

MISSISSIPPI—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Planters Gin of Bentonia	Bentonia	APC-S-1	do	do	Dec. 1, 1974.
McGraw-Curren Lumber Co	Yazoo City	APC-S-1	do	do	Oct. 20, 1974.

[39 FR 30127, Aug. 21, 1974, as amended at 40 FR 3431, Jan. 22, 1975; 40 FR 42355, Sept. 12, 1975]

§ 52.1275 Legal authority.

(a) The requirements of § 51.11(a)(4) of this chapter are not met since statutory authority to prevent construction, modification, or operation of a facility, building, structure, or installation, or combination thereof, which indirectly results or may result in emissions of any air pollutant at any location which will prevent the maintenance of a national air quality standard is not adequate.

(b) The requirements of § 51.11(a)(6) of this chapter are not met, since section 7106-117 of the Mississippi Code could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, section 7106-117 is disapproved.

[39 FR 7282, Feb. 25, 1974, as amended at 39 FR 34536, Sept. 26, 1974]

§ 52.1276 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for State of Mississippi.

[39 FR 7282, Feb. 25, 1974]

§ 52.1277 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met, since the legal authority to provide public availability of emission data is inadequate.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[39 FR 34536, Sept. 26, 1974, as amended at 40 FR 55330, Nov. 28, 1975]

§ 52.1278 [Reserved]

§ 52.1279 Maintenance of national standards.

(a) Pursuant to the requirements of § 51.12, paragraphs (e) and (f), of this chapter, the Administrator, in agreement with the State of Mississippi, has identified no areas that have the potential for violation of the national ambient air quality standards within 10 years.

[40 FR 18735, Apr. 29, 1975]

§ 52.1280 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Mississippi.

(c) All applications and other information required pursuant to § 52.21 of this part from sources located or to be located in the State of Mississippi shall be submitted to the Bureau of Pollution Control, Department of Natural Resources, P.O. Box 10385, Jackson, Mississippi 39209.

(Secs 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 34272, May 22, 1980; 45 FR 52741, Aug. 7, 1980]

Subpart AA—Missouri

§ 52.1320 Identification of plan.

(a) Title of plans:

(1) "State of Missouri, Kansas City and Out-State Air Quality Control Regions Implementation Plan."

(2) "Implementation Plan for the Missouri Portion of the St. Louis Interstate Air Quality Control Region."

(b) The plans were officially submitted on January 24, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Budget and manpower projections were submitted by the State Air Conservation Commission (ACC) on February 28, 1972. (Non-regulatory)

(2) A memorandum from the State Air Conservation Commission concerning the effects of adopting Appendix B to NO_2 emissions in the St. Louis area was submitted on March 27, 1972. (Non-regulatory)

(3) The determination of the CO air quality data base on the St. Louis area was submitted on May 2, 1972, by the Air Conservation Commission. (Non-regulatory)

(4) The emergency episode operations/communications manual for the Kansas City area was submitted on May 11, 1972, by the State Air Conservation Commission. (Non-regulatory)

(5) Amendments to the Air Conservation Law, Chapter 203, and plans for air monitoring for outstate Missouri were submitted July 12, 1972, by the Air Conservation Commission.

(6) The following amendments to the St. Louis and Kansas City outstate plans were submitted August 8, 1972, by the State ACC: Air Conservation Law, Chapter 203; Kansas City Ordinance, Chapter 18; Regulations XVIII, XX, XXVI (St. Louis); Regulations X, XII, XVII (Kansas City) and Regulations S-11, S-X111 and S-X11 (outstate).

(7) Letters discussing transportation control strategy for Kansas City Interstate AQCR submitted by the State ACC on May 11 and 21, 1973. (Non-regulatory)

(8) Alert plan for St. Louis County and outstate Missouri was submitted

on May 24, 1973, by the ACC. (Regulatory)

(9) Copy of the State's analysis of ambient air quality in the Missouri portion of the Metropolitan Kansas City Interstate Air Quality Control Region and recommendation that the area not be designated as an Air Quality Maintenance Area submitted by the Missouri Air Conservation Commission on April 11, 1974. (Non-regulatory)

(10) Copy of the State's analysis of the Missouri portion of the Metropolitan St. Louis Interstate Standard Metropolitan Statistical Area (SMSA), the Columbia SMSA and the Springfield SMSA and recommendations for the designation of Air Quality Maintenance Areas submitted by the Missouri Air Conservation Commission on May 6, 1974. (Non-regulatory)

(11) Compliance Schedules were submitted by the Missouri Air Conservation Commission on June 3 and October 1, 1976.

(12) Compliance Schedules were submitted by the Missouri Air Conservation Commission on November 23, 1976.

(13) On August 28, 1978, the following revisions were submitted by the Missouri Department of Natural Resources:

(i) The recodification of Missouri regulations of July 1, 1976, now contained in Title 10, Division 10 of the Code of State Regulations.

(ii) Title 10, Division 10, Chapter 6 of the Code of State Regulations which contains air quality standards, definitions, and reference methods.

(iii) Missouri Rule 10 CSR 10-2.200; Rule 10 CSR 10-3.150; and Rule 10 CSR 10-4.190 pertaining to control of SO_2 from indirect heating sources.

(iv) Missouri Rule 10 CSR 10-2.030; Rule 10 CSR 10-3.050; Rule 10 CSR 10-4.030; and 10 CSR 10-5.050 exempting certain process sources from the process weight regulations for particulate matter.

(v) Missouri Rule 10 CSR 10-2.190; Rule 10 CSR 10-3.140; Rule 10 CSR 10-4.180; and Rule 10 CSR 10-5.280 which contain the "Standards of Performance for New Stationary Sources," found at 40 CFR Part 60 as in effect on January 18, 1975.

(vi) Missouri Rule 10 CSR 10-2.060; Rule 10 CSR 10-3.080; Rule 10 CSR 10-4.060; and Rule 10 CSR 10-5.090 which require continuous opacity monitors for certain sources.

(vii) Missouri Rule 10 CSR 10-5.140 for determining settleable acid and alkaline mists is rescinded.

(viii) The EPA is taking no action on Rule 10 CSR 10-5.100; 10 CSR 10-2.050, and 10 CSR 10-3.070 which limit fugitive particulate emissions from the handling, transporting and storage of materials in the State of Missouri.

(14) On March 12, 1979, the Missouri Department of Natural Resources submitted Rule 10 CSR 10-3.100 and Rule 10 CSR 10-5.150 establishing revised SO_2 emission limits for primary lead smelters.

(15) On March 1, 1979, the Missouri Department of Natural Resources submitted a revision of regulation 10 CSR 10-5.110 revising the allowable emission rates of sulfur dioxide from Union Electric's Sioux and Labadie power plants.

(16) On July 2, 1979, the State of Missouri submitted a plan to attain the National Ambient Air Quality Standards for the Kansas City and St. Louis areas of the state designated nonattainment under section 107 of the Clean Air Act, as amended in 1977. Included in the plan are the following approved regulations as amended, in part, in subsequent submittals:

(i) Rule 10 CSR 10-2.210 and 10 CSR 10-5.300 Control of Emissions from Solvent Metal Cleaning are approved as RACT;

(ii) Rule 10 CSR 10-2.220 and 10 CSR 10-5.310 Liquified Cutback Asphalt Paving Restriated are approved as RACT;

(iii) Rule 10 CSR 10-5.220 Control of Petroleum Liquid Storage, Loading and Transfer (St. Louis) is approved as RACT.

(iv) Rule 10 CSR 10-2.260 Control of Petroleum Liquid Storage, Loading and Transfer (Kansas City) is approved as RACT;

(v) Rule 10 CSR 10-5.030 Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating is approved as RACT;

(vi) Rule 10 CSR 10-5.090 Restriction of Emission of Visible Air Contaminants is approved as RACT;

(vii) Rule 10 CSR 10-5.290 More Restrictive Emission Limitations for Sulfur Dioxide and Particulate Matter in South St. Louis is approved as RACT;

(viii) Rule 10 CSR 10-2.040 Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating is approved as RACT;

(ix) Rule 10 CSR 10-2.240 Restriction of Emissions of Volatile Organic Compounds from Petroleum Refinery Sources is approved as RACT;

(x) Rule 10 CSR 10-2.250 Control of Volatile Leaks from Petroleum Refinery Equipment is approved as RACT; and

(xi) Rule 10 CSR 10-2.230 and 10 CSR 10-5.330 Control of Emissions from Industrial Surface Coating Operations is approved as RACT.

(17) On July 2, 1979, the Missouri Department of Natural Resources submitted variances (compliance schedules) for Union Electric Company's Labadie power plant, River Cement Company, and Monsanto Company's Queeny plant. The compliance schedules require these sources to comply with revised Rule 10 CSR 10-5.090. In addition, the Labadie power plant is required to come into compliance with Rule 10 CSR 10-5.030.

(18) On April 7, 1980 the State of Missouri submitted plan revisions for the review and permitting of sources of air pollutant emissions in nonattainment areas. Included in the plan are Missouri regulations 10 CSR 10-6.020, Definitions, and 10 CFR 10-6.060, Permits Required, as amended, in part, in subsequent submittals, which are approved as meeting the requirements of sections 172(b)(6), 172(b)(11)(A) and 173.

(19) On July 2, 1979, the Missouri Department of Natural Resources submitted the variance for the University of Missouri power plant.

(20) On March 11, 1977 the Missouri Department of Natural Resources submitted a variance for Noranda Aluminum.

(21) On June 25, 1979 the Missouri Department of Natural Resources submitted a variance for Associated Electric Cooperative in New Madrid.

(22) On April 25, 1979, the Missouri Department of Natural Resources submitted the variance for the Union Electric Company's Meramec power plant.

(23) Revisions to Rule 10 CSR 10-2.260 Control of Petroleum Liquid Storage, Loading and Transfer (Kansas City), submitted on September 5, 1980, amending the vapor pressure limit in Section 2(A) and amending the limit on gasoline loading in Section 3(B)(1), are approved as RACT.

(24) A schedule for an inspection and maintenance program in St. Louis and a commitment by the East-West Gateway Coordinating Council regarding difficult transportation control measures, submitted on September 9, 1980.

(25) On September 5, 1980, the State of Missouri submitted new regulations and amendments to existing regulations to control emissions of volatile organic compounds in the St. Louis and Kansas City ozone nonattainment areas. Included in the plan revision are the following approved regulations as amended, in part, in subsequent submittals:

(i) Amendments to Rule 10 CSR 10-2.230 and to Rule 10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations, are approved as RACT;

(ii) Amendments to Rule 10 CSR 10-2.260 and to Rule 10 CSR 10-5.220, Control of Petroleum Liquid Storage, Loading and Transfer, are approved as RACT;

(iii) Amendments to Rule 10 CSR 10-6.020, Definitions, and to Rule 10 CSR 10-6.030, Sampling Methods for Air Pollution Sources, and to Rule 10 CSR 10-6.040, Reference Methods, are approved as RACT;

(iv) Rule 10 CSR 10-2.280 and Rule 10 CSR 10-5.320, Control of Emissions from Perchloroethylene Dry Cleaning Installations, are approved as RACT;

(v) Rule 10 CSR 10-2.290, Control of Emissions from Rotogravure and Flexographic Printing Facilities, is approved as RACT;

(vi) Rule 10 CSR 10-5.350, Control of Emissions from the Manufacture of

Synthesized Pharmaceutical Products, is approved as RACT;

(vii) Rule 10 CSR 10-5.340, Control of Emissions from Rotogravure and Flexographic Printing Facilities is approved as RACT.

(26) On September 2, 1980, the Missouri Department of Natural Resources submitted the State Implementation Plan for Lead. On February 11 and 13, 1981, the Missouri Department of Natural Resources submitted two letters containing additional information concerning the State Implementation Plan for Lead.

(27) On September 5, 1980, the State of Missouri submitted a plan revision which involves provisions for start-up, shutdown, and malfunction conditions. Included in the plan are new Missouri Rule 10 CSR 10-6.050, Start-up, Shutdown, and Malfunction Conditons and revisions to Rule 10 CSR 10-6.020 Definitions and amended start-up, shutdown and malfunction provisions in Rules 10 CSR 10-2.030, 10-3.050, 10-3.060, 10-3.080, 10-4.030, 10-4.040 and 10-4.050. This plan revision is approved as being consistent with EPA policy regarding start-ups, shutdowns, and malfunctions.

(28) Revisions to Rule 10 CSR 10-6.060 Permits Required, submitted on April 7, 1981.

(29) A revision to Rule 10 CSR 10-5.220 Control of Petroleum Liquid Storage, Loading and Transfer (St. Louis), submitted on April 14, 1981, amending the emission limit in Section 3, is approved as RACT.

(30) A report on the recommended type of I/M program, stringency factor, vehicle test mix, and program resources and justification, submitted on December 16, 1980, is approved as meeting the applicable condition on the SIP. No action is being taken with respect to the approvability of the specific recommendation sin the report.

(31) A report from the East-West Gateway Coordinating Council outlining commitments to transportation control measures, an analysis of those measures, and the results of the carbon monoxide dispersion modeling, submitted on February 12 and April 28, 1981, is approved as meeting the applicable condition on the SIP.

(32) A variance from Missouri Rule 10 CSR 10-3.050 Restriction of Emission of Particulate Matter From Industrial Processes, for St. Joe Minerals Corporation, Pea Ridge Iron Ore facility, was submitted by the Missouri Department of Natural Resources on May 6, 1981 with supplementary information submitted on June 22 and July 28, 1981.

(33) [Reserved]

(34) A variance from Missouri Rules 10 CSR 10-3.060, Maximum Allowable Emissions of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating, and 10 CSR 10-3.080, Restriction of Emission of Visible Air Contaminants, was submitted by the Missouri Department of Natural Resources on August 12, 1981.

(35) A variance from Missouri Rule 10 CSR 10-2.260, Control of Petroleum Liquid Storage, Loading and Transfer for the Kansas City Metropolitan Area, was submitted by the Missouri Department of Natural Resources on June 11, 1981.

(36) Revisions to Rule 10 CSR 10-5.340, Control of Emissions from Rotogravure and Flexographic Printing Facilities, submitted on April 15, 1982, are approved as RACT.

(37) On April 15, 1982, the State of Missouri submitted a new Rule 10 CSR 10-6.060, Permits Required, and amendments to Rule 10 CSR 10-6.020, Definitions, involving the review and permitting of new sources of air pollution. Included in the plan are provisions relating to attainment area (PSD) new source review. No action is taken on the rules insofar as they pertain to the Columbia and New Madrid TSP nonattainment areas. Also included in the plan are provisions relating to new source review in the St. Louis, Kansas City and St. Joseph nonattainment areas.

(Secs. 110 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410 and 7601(a)))

[37 FR 10875, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1320, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: At 47 FR 25144, June 10, 1982, the introductory text of paragraphs (c)(16), (18) and (25) was amended, paragraph (c)(25)(vii) was revised, and paragraph (c)(36) was added to § 52.1320, effective July 12, 1982. For the convenience of the user, the superseded text is set forth below:

§ 52.1320 Identification of Plan.

* * * * *

(c) * * *

(16) * * * Included in the plan are the following approved regulations:

* * * * *

(18) * * * Included in the plan are Missouri regulations 10 CSR 10-6.020 Definitions and 10 CSR 10-6.060 Permits Required, which are approved as meeting the requirements of sections 172(b)(6), 172(b)(11)(A), and 173.

* * * * *

(25) * * * Included in the plan revision are the following approved regulations:

* * * * *

(vii) Rule 10 CSR 10-5.340, Control of Emissions from Rotogravure and Flexographic Printing Facilities is conditionally approved as RACT.

* * * * *

§ 52.1321 Classification of regions.

The Missouri plans were evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Metropolitan Kansas City Interstate	I	III	III	I	I
Southwest Missouri Intrastate	I	III	III	III	III
Southeast Missouri Intrastate	III	III	III	III	III
Northern Missouri Intrastate	II	III	III	III	III
Metropolitan St. Louis Interstate	I	I	III	I	I

[37 FR 10875, May 31, 1972, as amended at 39 FR 16347, May 8, 1974]

§ 52.1322 [Reserved]

§ 52.1323 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Missouri's plans for the attainment and maintenance of the national standards. Continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980, for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each successive January of Additional RACT requirements for sources covered by CTGs issued the previous January. New source review permits issued pursuant to Section 173 of the Clean Air Act will not be deemed valid by EPA unless the provisions of Section V of the emission offset interpretive rule published on January 16, 1979 (44 FR 3274) are met. The attainment date for attainment of the lead standard as stated in the Lead plan is disapproved.

(Secs. 110 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410 and 7601(a)))

[37 FR 10876, May 31, 1972, as amended at 45 FR 24153, Apr. 9, 1980; 45 FR 30630 May 9, 1980; 46 FR 23415, Apr. 27, 1981]

§ 52.1324 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the State does not have adequate legal authority to make all emissions data, as correlated with applicable emission limitations, available to the public. None of the local agencies have adequate procedures to make emission data available to the public.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

(c) *Conditional Approval.* The following portions of the Missouri SIP developed pursuant to Part D of the 1977 Clean Air Act Amendments contain deficiencies which must be corrected within the time limit indicated:

(1)-(3) [Reserved]

(4) Approval of Missouri Rule 10 CSR 10-5.340 for St. Louis is subject to the condition that by January 1, 1982, the state amends the regulation to require compliance by 1982 for those sources relying on add-on control equipment and to specify an extended compliance schedule involving the use of low solvent inks.

(Secs. 110 and 172 of the Clean Air Act as amended)

[37 FR 23089, Oct. 28, 1972, as amended at 40 FR 55330, Nov. 28, 1975; 47 FR 25144, June 10, 1982]

EFFECTIVE DATE NOTE: At 47 FR 25144, June 10, 1982, paragraph (c) was removed from § 52.1324, effective July 12, 1982.

§ 52.1325 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met since the authority is inadequate to make emission data, as correlated with applicable emission limitations, available to the public. Section 203.050.4 of the Missouri Air Conservation Law requires confidential treatment of data related to secret processes or methods of manufacture or production.

(b) The requirements of § 51.11(f) of this chapter are not met since the following deficiencies exist in local legal authority.

(1) St. Louis County Division of Air Pollution Control:

(i) Authority to require recordkeeping is lacking (§ 51.11(a)(5) of this chapter).

(ii) Authority to make emission data available to the public is inadequate because section 612.350, St. Louis County Air Pollution Control Code, requires confidential treatment in certain circumstances if the data concern secret processes (§ 51.11(a)(6) of this chapter).

(2) St. Louis City Division of Air Pollution Control:

(i) Authority to require recordkeeping is lacking (§ 51.11(a)(5) of this chapter).

(ii) Authority to require reports on the nature and amounts of emissions from stationary sources is lacking (§ 51.11(a)(5) of this chapter).

(iii) Authority to require installation, maintenance, and use of emission monitoring devices is lacking. Authority to make emission data available to the public is inadequate because Section 39 of Ordinance 54699 requires confidential treatment in certain circumstances if the data relate to production or sales figures or to processes or production unique to the owner or operator or would tend to affect adversely the competitive position of the owner or operator (§ 51.11(a)(6) of this chapter).

(3) Kansas City Health Department:

(i) Authority to require recordkeeping is lacking (§ 51.11(a)(5) of this chapter).

(4) Independence Health Department:

(i) Authority to require recordkeeping is lacking (§ 51.11(a)(5) of this chapter).

(ii) Authority to make emission data available to the public is lacking since section 11.161 of the code of the city of Independence requires confidential treatment in certain circumstances if the data relate to secret processes or trade secrets affecting methods or results of manufacture (§ 51.11(a)(6) of this chapter).

(5) Springfield Department of Health:

(i) Authority to abate emissions on an emergency basis is lacking (§ 51.11(a)(3) of this chapter).

(ii) Authority to require recordkeeping is lacking (§ 51.11(a)(5) of this chapter).

(iii) Authority to make emission data available to the public is inadequate because section 2A-42 of the Springfield City Code requires confidential treatment of such data in certain circumstances (§ 51.11(a)(6) of this chapter).

(c) The provisions of § 51.11(a)(4) of this chapter are not met since statutory, authority to prevent construction, modification, or operation of a facility, building, structure, or installation, or combination thereof, which indirectly results or may result in emissions of any air pollutant at any location which will prevent the maintenance of a national air quality standard is not adequate.

[37 FR 23090, Oct. 28, 1972, as amended at 39 FR 7282, Feb. 25, 1974]

§§ 52.1326—52.1327 [Reserved]

§ 52.1328 Review of new sources or modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Missouri.

[39 FR 7282, Feb. 25, 1974]

§§ 52.1329—52.1330 [Reserved]

§ 52.1331 Extensions.

(a) Missouri's request for a 2-year extension under § 51.30 of this chapter for the attainment of national standards for carbon monoxide in the Metropolitan St. Louis Interstate Region is not applicable since the national standards for carbon monoxide will be attained by 1975 in this region.

(b) Missouri's request for an extension until July 1, 1980, to submit plans to attain the secondary TSP and SO_2 standards is approved.

(c) Missouri's request for an extension to attain the ozone standard in the St. Louis metropolitan area to not later than December 31, 1987, is approved.

(d) Missouri's request for an extension to attain the carbon monoxide standard in the St. Louis metropolitan area to not later than December 31, 1987 is approved.

(e) Missouri's request for an extension to attain the lead standard in the vicinity of the St. Joe primary lead smelter and the AMAX primary lead smelter to not later than October 31, 1984 is approved. The St. Joe Lead Co. smelter is located in Herculaneum, Missouri, which is within the Metropolitan St. Louis Interstate AQCR, and the AMAX Lead Co. smelter is located in Boss, Missouri, which is within the Southeast Missouri Intrastate AQCR.

(Secs. 110 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410 and 7601(a)))

[37 FR 10876, May 31, 1972, as amended at 45 FR 24153, Apr. 9, 1980; 46 FR 23415, Apr. 27, 1981]

§ 52.1332 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Missouri's plans, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Photochemical oxidants
	Primary	Secondary	Primary	Secondary			
Metropolitan Kansas City Interstate	b	e	d	d	d	May 31, 1975	b
Southwest Missouri Intrastate	a	a	d	d	d	d	d
Southeast Missouri Intrastate	d	d	d	d	d	d	d
Northern Missouri Intrastate	a	a	d	d	d	d	d
Metropolitan St. Louis Interstate	b	e	d	d	d	c	c

NOTE: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with these requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR Part 52 (1978) § 52.1332.

Only portions of those AQCRs with attainment dates after July, 1975 have new attainment dates under the 1977 Clean Air Act Amendments. The reader is referred to 40 CFR Part 81 for identification of the designated areas under section 107(d) of the Act.

a. July 1975.
b. December 31, 1982.
c. December 31, 1987.
d. Air quality levels presently below secondary standards.
e. Secondary standard attainment date to be determined by secondary attainment plan.

(Sec. 107 of the Clean Air Act, as amended)

[37 FR 10875, May 31, 1972, as amended at 46 FR 900, Jan. 5, 1981; 47 FR 19523, May 6, 1982]

§§ 52.1333–52.1334 [Reserved]

§ 52.1335 Compliance schedules.

(a) The compliance schedule for the source identified below is approved as a revision to the plan pursuant to §§ 51.6 and 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

MISSOURI

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Reyco Industries: Cupolas 7 and 8.	Springfield	([1a])	May 27, 1973	Immediately	Aug. 1, 1973.
U.S. Steel (Universal Atlas Cement): Rotary cement kiln.	Hannibal	S-V, S-VIII	Jan. 23, 1974	July 31, 1974	July 31, 1974.
Kaiser Refractories: Rotary kiln	Mexico	do	Feb. 28, 1973	Jan. 18, 1974	Jan. 18, 1974.
St. Joseph Light and Power:					
Boiler #1	St. Joseph	([2])	Jan. 23, 1974	Jan. 23, 1975	May 31, 1975.
Boiler #2	do	([2])	do	do	Do.
Boiler #3	One variance granted).	([2])	do	do	Do.
Boiler #4	do	([2])	do	do	Do.
Boiler #5	do	([2])	do	do	Do.
Boiler #6	do	([2])	do	do	Do.
A. P. Green Refractories: Rotary calcining kiln.	Oran	S-V, S-VIII	Mar. 27, 1974	Mar. 27, 1975	June 15, 1975.

See footnotes at end of table.

MISSOURI—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
U.S. By-Products:					
Aluminum turnings operation	Henrietta	([7])	Feb. 27, 1974	Nov. 18, 1974	Nov. 18, 1974.
Carbon waste disposal system.	do	([7])	do	do	Do.
Aluminum-foil drag kiln operation.	do	([7])	do	do	June 6, 1974.
Harbison-Walker Refractories:					
Rotary dryer	Fulton	S-V, S-VIII	Feb. 28, 1973	Jan. 18, 1974	June 1, 1973.
Rotary kiln	do	S-V, S-VIII	Feb. 27, 1974	June 30, 1974	June 30, 1974.
Franklin County: Stone limestone crusher.	Pacific	([3])	Aug. 23, 1972	Aug. 24, 1973	June 1, 1974.
Atlas Powder Company:					
NH_4NO_3 prill—neutralizer	Joplin	S-V	Apr. 24, 1974	Immediately	July 31, 1974.
Urea prill tower	do	S-V	do	do	Do.
Stengel reactor	do	S-V	do	do	Do.
Soda spray vent	do	S-V	do	do	Do.
Soda dry furnace	do	S-V	do	do	Do.
Urea desorber stripper	do	S-V	do	do	Do.
CPC International: Wet corn fed rotary dryers.	North Kansas City.	([3])	Jan. 23, 1974	Apr. 25, 1974	Oct. 31, 1974.
Mississippi Lime, Mississippi rotary plant:					
Kilns #1, #2, #3, #4 and coolers.	Ste. Genevieve	([3])	Feb. 27, 1974	Feb. 27, 1975	July 31, 1975.
Kiln #5 cooler	do	([3])	do	do	June 30, 1975.
Kiln #6 cooler	do	([3])	do	do	Mar. 7, 1975.
Kiln #7 cooler	do	([3])	do	do	Nov. 15, 1974.
Kiln #8 cooler	do	([3])	do	do	July 12, 1974.
Peerless Rotary Plant:					
Kiln #1 cooler	do	([3])	do	do	Oct. 18, 1974.
Kiln #2 cooler	do	([3])	do	do	Dec. 27, 1974.
Kiln #3 cooler	do	([3])	do	do	Feb. 28, 1975.
Kiln #4 cooler	do	([3])	do	do	Apr. 25, 1975.
Kiln #5 cooler	do	([3])	do	do	June 27, 1975.
Kiln #6 cooler	do	([3])	do	do	July 31, 1975.
60" & 5" grinding mills	do	([3])	do	do	July 1, 1974.
Henry Worst, Inc.: Lithograph Presses.	North Kansas City.	([9])	Jan. 23, 1974	Nov. 20, 1974	Nov. 20, 1974.
Armco Steel:					
Scarfing operation	Kansas City	([10])	Oct. 10, 1973	N/A	Feb. 1, 1974.
Electric furnace	do	([10])	do	do	Do.
Quisenberry Mills: Railcar unloading.	do	([11])	do	do	Dec. 31, 1973.
Clay-Bailey Manufacturing: Cupola.	do	([9])	Apr. 18, 1974	do	July 31, 1974.
Cargill, Inc.: Roof vents	do	([10])	Dec. 19, 1973	do	Mar. 15, 1974.
Ralston Purina: Rail car unloading #6 and #7.	do	([10])	Oct. 10, 1973	N/A	May 31, 1974.
Kansas City Terminal Elevator #2: Grain handling cyclones.	do	([10])	do	do	Nov. 15, 1973.
GAF Corporation:					
Asphalt blowing	do	([10]), ([7])	Mar. 28, 1974	do	June 30, 1974.
Asphalt saturating	do	([10]), ([7])	do	do	Do.
Dry fines unloading	do	([10])	Mar. 5, 1974	do	Oct. 1, 1974.
True Temper Corp.: Heat treating process.	do	([10])	Dec. 19, 1973	do	May 18, 1974.
Metallurgical, Inc.: N-2 draw furnace.	do	([10])	Oct. 10, 1973	do	Feb. 20, 1974.
Centropolis Crusher: Rock pulverizing and drying.	do	([7])	Dec. 18, 1973	do	Sept. 5, 1974.
ADM Milling:					
20 bran grinders	North Kansas City.	([7])	Jan. 10, 1973	Jan. 10, 1974	June 15, 1972.
22 #4 screening grinders	do	([7])	do	do	Dec. 1, 1972.
18 bulgur grinder	do	([7])	do	do	Jan. 15, 1973.
27 elevator head suction	do	([7])	do	do	Apr. 1, 1973.
30 top belt suction	do	([7])	do	do	May 1, 1973.
16 A mill entoleter and break suction.	do	([7])	Jan. 23, 1974	July 1, 1974	July 1, 1974.

See footnotes at end of table.

MISSOURI—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
17 BRK suction B mill	do	(9)	do	do	Do.
19 BRK suction A mill	do	(9)	do	do	Do.
23 #8 0—millerators B mill	do	(9)	do	do	Do.
29 bottom belt suction—new.	do	(9)	do	do	Mar. 29, 1974.
28 Bottom belt suction—old	do	(9)	do	do	Do.
Bartlett and Company Grain: Missouri Pacific "B" elevator.	Kansas City	(11)	Nov. 29, 1973	N/A	Nov. 1, 1974.
Certain-Teed Products: Lime stone tank loading.	do	(11)	Dec. 26, 1973	do	July 8, 1974.
Texas Industries, Inc.: Cement Bin Loading.	do	18.87(A)[12]	June 11, 1974	Immediately	Aug. 30, 1974.
Cargill Elevator:					
No. 1 Receiver Leg Cyclone	do	18.87(A)[12]	Sept. 10, 1974	do	May 1, 1975.
Tunnel System Cyclone	do	18.87(A)[12]	do	do	Do.
Price Metals: Smelting Pots	do	18.87(A)[12]	do	do	Jan. 31, 1975.
Alpha Portland Cement: Two Clinker Coolers.	St. Louis County	Regulation IV[13]	Sept. 14, 1973	do	Do.
Kansas City Power & Light, Hawthorne Plant:					
Units 1 and 2	Kansas City	18.86B[12], 18.87A.	Nov. 19, 1973	do	Nov. 19, 1974.
Units 3, 4, and	do	18.86B[13], 18.87A.	Nov. 11, 1974	do	July 31, 1975.
City of Hannibal: Asphalt Batch Plant.	Hannibal	S-V, S-VII, S-VIII.	Aug. 21, 1974	do	Jan. 1, 1975.
Independent Stave Co.:					
Dust Handling Equipment	Lebanon	S-V, S-VII, S-VIII.	do	do	July 1, 1975.
Char Fire Stacks and Boiler	do	S-V, S-VII, S-VIII.	do	do	Do.
Armco Steel: Heat Treating Process.	Kansas City	18.87A[12]	June 3, 1974	do	Oct. 1, 1974.
Certain-Teed Products: Asphalt Heating and Blowing.	do	18.87A[12]	Apr. 22, 1974	do	Dec. 6, 1974.
Kaiser Refractories: Rotary Kiln No. 2.	Mexico	S-V, S-VII, S-VIII.	Aug. 21, 1974	do	Oct. 18, 1974.
A. P. Green Refractories: Rotary Calcining Kiln.	Mexico	S-V, S-VII, S-VIII.	do	do	May 31, 1975.
W. H. Arnold Log & Lumber Co.: Incinerator.	Hannibal	S-IV	Sept. 25, 1974	do	Do.
C-E Refractories: Rotary Dryer	Vandalia	S-V, S-VII, S-VIII.	do	do	July 1, 1975.
Marion County Milling Co.: Alfalfa Dehydrator.	Hannibal	S-VII, S-VIII	do	do	July 31, 1975.
Missouri Power & Light: No. 5 and No. 6 Steam Generating Boilers.	Jefferson City	S-VI, S-VIII	Nov. 20, 1974	do	July 28, 1975.
National Alfalfa Dehydrating and Milling: Alfalfa Dehydrator.	Henrietta	VI	May 22, 1974	do	Apr. 30, 1975.
Allied Chemical Corp.:					
Crushers	Cwensville	S-V, S-VIII	Oct. 23, 1974	do	Jan. 1, 1975.
Rotary Kiln	do	do	do	do	Do.
Rotary Cooler	do	do	do	do	Do.
Gardner-Denver, Cupola Furnaces.	LaGrange	S-V	Jan. 22, 1975	do	May 1, 1975.
CPC International, wet corn fed rotary dryers.	North Kansas City.	(1)	do	do	Apr. 3, 1975.
Empire District Electric, coal-fired boilers.	Asbury	S-VI, S-VIII	do	do	June 15, 1975.
Associated Electric Cooperative: Coalfired boiler.	New Madrid	do	May 26, 1976	do	June 15, 1977.
A. P. Green Refractories Co.: Vibrating bed clay dryer	Mexico	S-V	do	do	Feb. 1, 1978.
St. Joseph Light & Power: Boiler No. 5	St. Joseph	(1)	do	do	May 31, 1977.
Hercules, Inc. Ammonium nitrate falling film evaporator	Carthage	S-V	Aug. 31, 1976	do	July 31, 1977.

See footnotes at end of table.

MISSOURI—Continued

Source	Location	Regulation involved	Date adopted	Effective date	Final compliance date
Associated Electric Cooperative—Thomas Hill unit No. 2.	Moberly	S-VI (10 CSR 10-3.060), S-VIII (10 CSR 10-3.080).	Nov. 17, 1976	......do	June 1, 1979.
Farmers Chemical Co., Inc.—ammoniator-granulator process.	Joplin	S-V (10 CSR 10-3.050), S-VIII (10 CSR 10-3.080).	......do	......do	Jan. 15, 1978.
Pilot Knob Pelleting Co	Pilot Knob, Mo	V (10 CSR 10-3.050).	Oct. 19, 1977	......do	Dec. 31, 1982.
Associated Electric Co., Thomas Hill Station, Unit No. 2.	Moberly, Mo	VI (10 CSR 10-3.060), VII (10 CSR10-3.080),.	Apr. 19, 1978	......do	Dec. 31, 1979.
Union Electric Labadie power plant.	Labadie	10 CSR 10-5.090, 10 CSR 10-5.030.	June 20, 1979	July 20, 1979	Mar. 1, 1984.
Monsanto Company Queeny Plant K-Street boiler.	St. Louis	10 CSR 10-5.090.	Sept. 20, 1978	Oct. 20, 1978	Dec. 31, 1981.
River Cement Company	Jefferson County.	10 CSR 10-5.090.	June 20, 1979	July 20, 1979	June 30, 1981.
Union Electric Company	St. Louis County	10 CSR 10-5.030, 10 CSR 10-5.090.	Nov. 22, 1978	Immediately	
Meramec Power Plant:					
Units 1 and 2	......do				May 15, 1981.
Units 3 and 4	......do				Nov. 30, 1981.
St. Joe Lead Co	Herculaneum, Mo.	§ 203.050.1(5), RSMO1978.	Aug. 15, 1980	Immediately	Oct. 27, 1984.
AMAX Lead Co	Boss, Mo	......do	......do	......do	Apr. 27, 1985.
ASARCO, Inc	Glover, Mo	......do	......do	......do	Dec. 31, 1980.
St. Joe Minerals Corporation, Pea Ridge Iron Ore facility.	Washington County, Missouri.	10 CSR 10-3.050.	Apr. 22, 1981	Dec. 28, 1981	July 1, 1985.
Associated Electric Cooperative, Inc., Thomas Hill Power Plant—Unit 1..	Randolph County.	10 CSR 10-3.060 and 10 CSR 10-3.080.	June 17, 1981	Jan. 12, 1982	June 1, 1984.
American Oil Co. (AMOCO)	Sugar Creek, Mo.	10 CSR 10-2.260.	Feb. 18, 1981	Oct. 1, 1981	June 1, 1982

[1] Regulation IV, Air Pollution Control Regulations for Kansas City metropolitan area.
[1a] Ch. 2A. Article VI, Sec. 2A-24(a) of Springfield City Code.
[2] Regulation III & V Air Pollution Control Regulations for Kansas City metropolitan area.
[3] Regulation IX, Air Pollution Control Regulations for St. Louis metropolitan area.
[4] Regulation IV, Air Pollution Control Regulations for Kansas City metropolitan area.
[5] Regulation V & VI, Air Pollution Control Regulations for the Kansas City metropolitan area.
[6] Regulation V, Air Pollution Control Regulations for the Kansas City Metropolitan area.
[7] Section 18.86(A), Kansas City Air Pollution Control Code.
[8] Sections 18.86(A) & (C) & 18.87, Kansas City Air Pollution Control Code.
[9] Section 18.86(A)(3)(a)(i), Kansas City Air Pollution Control Code.
[10] Section 18.87(A), Kansas City Air Pollution Control Code.
[11] Sections 18.86(C)(1), & 18.87(A), Kansas City Air Pollution Control Code.
[12] Air Pollution Control Code of Kansas City, Mo.
[13] St. Louis County Air Pollution Control Code.
[14] Regulations III and IV air pollution control regulation for the Kansas City metropolitan area.

Note: Effective July 1, 1976, the State of Missouri revised the numbering system for all air pollution control regulations throughout the State. The State air regulations are now contained in title 10, division 10 of the Code of State Regulations, designated 10 CSR 10. Since this new regulatory numbering system has not been formally submitted by the State to EPA as a revision to the Missouri implementation plan, the old regulation number has been cited with a reference to the corresponding new number indicated in parentheses.

(b) The compliance schedule submitted for the source identified below is disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	Regulation involved	Date adopted
Columbia Water & Light Department	Columbia	S–VI	Apr. 25, 1973.
Union Electric: Electric generating facility	Labadie	X	Mar. 28, 1974.
Do	Portage des Sioux	X	July 25, 1974.
International Multifoods Corp.: Mechanical sifters	North Kansas City	(1)	Aug. 31, 1976.
Meremac Mining Co., furnace and cooler Nos. 1 through 5.	Pea Ridge	II (10 CSR 10–3.050).	Feb. 23, 1977.
Empire District Electric Co., Power Plant	Asbury Joplin	III (10 CSR 10–3.060) V (10 CSR 10–3.080).	Apr. 27, 1977.
Missouri Portland Cement Co., clinker cooler No. 1	Sugar Creek	II (10 CSR 10–2.030) V (10 CSR 10–2.060).	June 22, 1977.
Missouri Public Service Co., Sibley powerplant, unit Nos. 1, 2, and 3.	Sibley	III (10 CSR 10–2.040).	June 26, 1977.
Tamko Asphalt Products, Inc., asphalt saturating line	Joplin	V (10 CSR 10–3.080).	July 26, 1977.
University of Missouri power plant	Columbia	10CSR 10–3.060	Feb. 21, 1979.
Noranda Aluminum, Inc	New Madrid	10 CSR 10–3.050	Feb. 23, 1977.
Associated Electric Cooperative, Inc., Units 1 and 2	......do	110 CSR 10–3.060.	Apr. 18, 1979.

[1] Regulation IV, air pollution control regulations for Kansas City metropolitan area.

NOTE: X=Air Pollution Control Regulations for the St. Louis Metropolitan Area.

(Secs. 110 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410 and 7601(a)))

[39 FR 30835, Aug. 26, 1974, as amended at 40 FR 3567, Jan. 23, 1975; 40 FR 4270, Jan. 29, 1975; 40 FR 16845, Apr. 15, 1975; 40 FR 23758, June 2, 1975; 42 FR 16139, Mar. 25, 1977; 42 FR 28540, June 3, 1977; 43 FR 25692, June 14, 1978; 43 FR 28204, June 29, 1978; 44 FR 72116, Dec. 13, 1979; 45 FR 4355, Jan. 22, 1980; 45 FR 40578, June 16, 1980; 45 FR 46383, July 10, 1980; 45 FR 62814, Sept. 22, 1980; 45 FR 72150, Oct. 31, 1980; 46 FR 23416, Apr. 27, 1981; 46 FR 26769, May 15, 1981; 46 FR 53142, Oct. 28, 1981; 46 FR 55969, Nov. 13, 1981; 46 FR 61123, Dec. 15, 1981]

§§ 52.1336—52.1337 [Reserved]

§ 52.1338 Maintenance of national standards.

(a) The areas listed below are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within ten years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial areas of all municipalities (as defined in section 302(f) of the Clean Air Act. 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Kansas City Interstate Air Quality Maintenance Area (Missouri Portion).

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Cass County, Clay County, Jackson County, Platte County.

(2) St. Louis Interstate Air Quality Maintenance Area (Missouri Portion).

(i) Pollutants for which the area is identified: Particulate matter, photochemical oxidants and sulfur dioxide.

(ii) Geographical composition of area:

St. Louis City, St. Louis County, Franklin County, Jefferson County, St. Charles County.

[40 FR 41950, Sept. 9, 1975]

Subpart BB—Montana

§ 52.1370 Identification of plan.

(a) Title of plan: "Implementation Plan for Control of Air Pollution in Montana."

(b) The plan was officially submitted on March 22, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Non-regulatory changes to the plan involving compliance schedules, emergency episodes, and air quality surveillance submitted May 10, 1972, by the State Department of Health.

(2) Plan revisions (Regulation 90-001, Part VI, Part VIII, Part XII) submitted June 26, 1972, by the Governor.

(3) The Governor submitted the Air Quality Maintenance Area identification to the Administrator on June 24, 1974.

(4) The Governor submitted revision to the Air Quality Maintenance Areas on January 25, 1975.

(5) Sulfur oxides control strategy and compliance schedule for the American Smelting and Refining Company submitted May 21, 1975, by the Governor.

(6) Sulfur oxides control strategy for the Billings and Laurel areas and schedule of Compliance for the Farmers Union Central Exchange (CENEX) refinery in Laurel submitted by the Governor on January 26, 1978.

(7) On May 5, September 4, and October 1, 1975, the Governor submitted revisions which amended regulations applicable to incinerators, industrial processes, storage of petroleum products, aluminum refineries, and malfunctions.

(8) On April 24, and October 4, 1979, the Governor submitted revisions for Anaconda, East Helena, and Laurel—SO_2; Billings, Butte, Columbia Falls, Colstrip, East Helena, Great Falls, and Missoula—TSP; Billings and Missoula—CO; and Yellowstone County—ozone. No action is taken with regard to the revised new source review regulation, the revised stack height regulation, or the control strategies for East Helena SO_2 and Yellowstone County ozone.

(9) On February 21, 1980 the Governor submitted a plan revision to meet the requirements of Air Quality Monitoring, 40 CFR Part 58, Subpart C, § 58.20.

(10) On April 24, October 4, 1979, and January 7, 1980, the Governor submitted revisions to meet Part D and other sections of the Clean Air Act, as amended in 1977. No action is taken with regard to the revised stack height regulation.

[37 FR 10877, May 31, 1972, as amended at 41 FR 8962, Mar. 2, 1976; 44 FR 51977, Sept. 6, 1979; 45 FR 14043, Mar. 4, 1980; 45 FR 62984, Sept. 23, 1980; 46 FR 15686, Mar. 9, 1980; 47 FR 28373, June 30, 1982]

§ 52.1371 Classification of regions.

The Montana plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Billings Intrastate	II	II	III	III	III
Great Falls Intrastate	III	IA	III	III	III
Helena Intrastate	IA	IA	III	III	III
Miles City Intrastate	III	III	III	III	III
Missoula Intrastate	I	III	III	III	III

[37 FR 10877, May 31, 1972, as amended at 45 FR 14043, Mar. 4, 1980]

§ 52.1372 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Montana's plans for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plans satisfy all requirements of Part D, Title I, of the Clean Air Act as amended in 1977, except as noted below.

[45 FR 2036, Jan. 10, 1980]

§ 52.1373 Control strategy: Sulfur oxides.

(a) *Part D—Conditional Approval*—The East Helena plan is approved provided that the following conditions are met by May 1, 1981:

(1) A field study will be performed in the vicinity of the ASARCO smelter complex which clearly demonstrates the stack height for the blast furnace stack which represents good engineering practice; and

(2) The control strategy will be amended, if necessary, to demonstrate attainment of the national standards

using the good engineering practice stack height determined through the field study.

(Sec. 110 of the Clean Air Act, as amended)

[45 FR 76688, Nov. 20, 1980]

§ 52.1374 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for the review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Montana.

[37 FR 10877, May 31, 1972]

§ 52.1375 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Montana's plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Billings Intrastate:							
a. Yellowstone County	c	c	a	c	b	b	f
b. Billings	e	e	a	c	b	b	f
c. Laurel	c	c	e	e	b	b	f
d. Remainder of AQCR	c	c	a	c	b	b	b
Great Falls Intrastate:							
a. Great Falls	e	e	c	c	b	b	b
b. Remainder of AQCR	b	b	c	c	b	b	b
Helena Intrastate:							
a. Anaconda	b	b	e	e	b	b	b
b. East Helena	e	e	e	e	b	b	b
c. Butte	e	g	b	b	b	b	b
d. Remainder of AQCR	b	b	b	b	b	b	b
Miles City Intrastate:							
a. Colstrip	e	g	b	b	b	b	b
b. Remainder of AQCR	b	b	b	b	b	b	b
Missoula Intrastate:							
a. Missoula	e	e	b	b	b	e	b
b. Columbia Falls	e	e	b	b	b	b	b
c. Remainder of AQCR	c	c	b	b	b	b	b

a. Air quality levels presently below primary standards or area is unclassifiable.
b. Air quality levels presently below secondary standards or area is unclassifiable.
c. July 1975.
d. May 31, 1977.
e. December 31, 1982.
f. Action on the SIP for this nonattainment area has been delayed.
g. Eighteen month extension granted.

NOTE 1. Footnotes which are italic are prescribed by the Administrator because the plans do not provide a specific date, or the date provided is not acceptable.

NOTE 2. Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) of the Act prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.325 (1978).

(Sec. 110 of the Clean Air Act, as amended)

[45 FR 76687, Nov. 20, 1980]

§ 52.1376 Extensions.

(a) The Administrator hereby extends for 2 years the attainment date for the primary standards for sulfur oxides in the Helena Intrastate Region.

(b) The Administrator hereby extends for 18 months the statutory timetable for submission of the plan for the attainment and maintenance of the secondary standards for sulfur oxides in the Helena Intrastate Region.

(c) The Administrator hereby extends until July 1, 1980, the timetable for submitting a plan to attain and maintain the secondary particulate standard in the Butte and Colstrip nonattainment areas.

[37 FR 15085, July 27, 1972, as amended at 45 FR 14043, Mar. 4, 1980]

§ 52.1377 [Reserved]

§ 52.1378 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the legal authority to provide for public availability of emission data is inadequate.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial nonecessary by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[39 FR 34536, Sept. 26, 1974, as amended at 40 FR 55331, Nov. 28, 1975]

§ 52.1379 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met, since section 69-3918 of the Montana Clean Air Act could, in some circumstances prohibit the disclosure of emission data to the public. Therefore, section 69-3918 is disapproved.

[39 FR 34536, Sept. 26, 1974]

§ 52.1380 Control strategy: Total suspended particulates.

Part D—Conditional Approval—The Butte, Colstrip and Missoula plans are approved provided that the following conditions are met:

(a) For Butte, by February 15, 1981, the State will submit a revised airborne particulate regulation as specified in their October 4, 1979, submittal to EPA.

(b) For Colstrip, by August 1, 1980, the State will include all completed and planned emission reductions as specified in their October 4, 1979, submittal in an enforceable permit to Western Energy.

(Sec. 110 of the Clean Air Act, as amended)

[45 FR 62984, Sept. 23, 1980]

§ 52.1381 Maintenance of national standards.

(a) The areas listed below which were identified by the State of Montana are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Anaconda-Butte Air Quality Maintenance area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Deer Lodge County, Silver Bow County.

(2) Billings Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and carbon monoxide.

(ii) Geographical composition of area:

Big Horn County; (excluding Northern Cheyenne Indian Reservation), Carbon County, Stillwater County, Sweet Grass County, Yellowstone County.

(3) Helena Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Sulfur dioxide.

(ii) Geographical composition of area:

Lewis and Clark County.

(4) Kalispell Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Flathead County, Lake County.

(5) Missoula Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and carbon monoxide.

(ii) Geographical composition of area:

Missoula County.

(6) Southeastern Montana Coal Resource Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Carter County, Custer County, Fallon County, Northern Cheyenne Indian Reservation in Bighorn County, Powder River County, Rosebud County, Treasure County.

[40 FR 23754, June 2, 1975]

§ 52.1382 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Montana.

(c) (1) Except as set forth in this paragraph, all areas of Montana are designated Class II.

(2) The Northern Cheyene Indian Reservation is designated Class I.

(3) The Flathead Indian Reservation is designated Class I.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[42 FR 40697, Aug. 11, 1977, and 45 FR 52741, Aug. 7, 1980, as amended at 47 FR 23928, June 2, 1982]

EFFECTIVE DATE NOTE: At 47 FR 23928, June 2, 1982, paragraph (c)(3) was added to § 52.1382, effective July 2, 1982.

§ 52.1383 Compliance schedules.

The compliance schedule for the source identified below is approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are found in Subchapter 1, chapter 14, Montana Administrative Code.

MONTANA

Source	Location	Date of State order	Regulations involved	Date of adoption	Effective date	Final compliance date
American Smelting and Refining Co.	East Helena	May 16, 1975	S1470(2)	May 16, 1975	Immediately	July 31, 1977.

[40 FR 43217, Sept. 19, 1975]

§ 52.1384 Control strategy: Carbon monoxide.

(a) Part D—Disapproval—The Missoula carbon monoxide plan is disapproved since the plan failed to evaluate the problem, analyze or develop attainment strategies and demonstrate attainment by December 31, 1982.

(b) Part D—Conditional Approval—The Billings plan is approved provided that the following conditions are met by August 15, 1980:

(1) The carbon monoxide problem will be reanalyzed using more accurate data.

(2) The results of the analysis will be evaluated and the plan revised if necessary to attain the national standards by December 31, 1982.

(Sec. 110 of the Clean Air Act, as amended)

[45 FR 62985, Sept. 23, 1980]

§ 52.1385 Source surveillance.

(a) Part D—Conditional Approval—The requirements of section 110 of the Clean Air Act are not met since the State does not specify source testing procedures in many of its emission limitations. However, this section is approved provided the State submits a list of acceptable source test methods for each emission limitation by August 1, 1980.

(Sec. 110 of the Clean Air Act, as amended)

[45 FR 62985, Sept. 23, 1980]

§ 52.1386 Malfunction regulations.

Regulation ARM 16-2, 14(1), S14000 is disapproved because it would permit the exemption of sources from the applicable emission limitations and therefore does not satisfy the enforcement imperatives of section 110 of the Clean Air Act.

[45 FR 14044, Mar. 4, 1980]

Subpart CC—Nebraska

§ 52.1420 Identification of plan.

(a) Title of plan: "Air Quality Implementation Plan for the State of Nebraska."

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Request submitted by the Governor on January 24, 1972, for a two-year extension in order to meet the primary standard for NOx in the Omaha-Council Bluffs AQCR. (Non-regulatory)

(2) Clarification of section 11 of the State plan submitted on February 16, 1972 by the Nebraska Department of Environmental Control. (Non-regulatory)

(3) A confirmation that the State does not have air quality control standards based on the enclosed disapproval of the State Attorney General was submitted on April 25, 1972 by the Nebraska Department of Environmental Control. (Non-regulatory)

(4) Revision of Rules 3 through 18 and Rule 21 and 22 submitted on June 9, 1972, by the Governor.

(5) Amendments to the Omaha Air Pollution Control Ordinance 26350 submitted on June 29, 1972, by the Governor.

(6) Letters submitted September 26 and 27, 1972, from the State Department of Environmental Control revising Rule 3 and Rule 5 of the State Rules and Regulations.

(7) Letters clarifying the application of the State emergency episode, rule 22(a), submitted October 2, 1972, by the State Department of Environmental Control. (Non-regulatory).

(8) Revision of the State air regulations to expand emission limitations to

apply State-wide, change procedures for preconstruction review of new sources, change procedures for disapproving construction permits for new or modified sources and add new sulfur oxide emission standards was submitted on February 27, 1974, by the Nebraska Department of Environmental Control.

(9) Copy of the State's analysis of ambient air quality in Standard Metropolitan Statistical Areas in the State and recommendations for designation of Air Quality Maintenance Areas submitted by the Department of Environmental Control on May 9, 1974. (Nonregulatory)

(10) Compliance schedules were submitted by the Department of Environmental Control on September 13, 1974.

(11) Compliance schedules were submitted by the Department of Environmental Control on February 21, 1975.

(12) Compliance schedules were submitted by the Department of Environmental Control on May 23, 1975.

(13) Revision of regulations to include the second group of New Source Performance Standards and provide for granting of post-attainment variances and releasing of emission data was submitted on August 5, 1975, by the Governor.

(14) Compliance schedules were submitted by the Governor on August 27, 1975.

(15) Compliance schedules were submitted by the Governor on January 1, 1976.

(16) Compliance schedules were submitted by the Department of Environmental Control on January 15, 1976.

(17) Amended State law (LB1029) giving the Department of Environmental Control authority to require monitoring of emissions, require reporting of emissions and release emission data was submitted by the Governor on February 10, 1976.

(18) Compliance schedules were submitted by the Governor on April 23, 1976.

(19) Compliance schedules were submitted by the Governor on October 27, 1976.

(20) Revised Rule 17, requiring continuous opacity monitoring by power plants, was submitted on November 2, 1976, by the Governor.

(21) A plan revision to meet the requirements of 40 CFR 58.20, dealing with statewide air quality monitoring and data reporting, was submitted by the Governor on June 19, 1981.

(22) Revised Rule 13, granting an increase in the visible emission limitations for existing teepee waste wood burners and alfalfa dehydrators, was submitted by the Governor on December 29, 1977.

(23) Revision to the SIP concerning the adoption of the Lancaster County Air Pollution Control Resolution was submitted by the governor on April 4, 1977.

(24) Revision to the SIP concerning the adoption of the revised local air pollution control ordinances for the cities of Omaha and Lincoln was submitted by the governor on December 27, 1977.

(Sec. 110 of the Clean Air Act, as amended)

[37 FR 10877, May 31, 1972, as amended at 41 FR 8962, Mar. 2, 1976; 41 FR 25898, June 23, 1976; 42 FR 25505, May 18, 1977; 46 FR 49123, Oct. 6, 1981; 47 FR 3114, Jan. 22, 1982; 47 FR 22955, May 26, 1982]

Effective Date Note: At 47 FR 22955, May 26, 1982, paragraphs (c)(23) and (24) were added to § 52.1420, effective July 26, 1982.

§ 52.1421 Classification of regions.

The Nebraska plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Metropolitan Omaha-Council Bluffs Interstate	I	II	III	III	III
Lincoln-Beatrice-Fairbury Intrastate	II	III	III	III	III
Metropolitan Sioux City Interstate	III	III	III	III	III

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Nebraska Intrastate	III	III	III	III	III

[37 FR 10877, May 31, 1972, as amended at 39 FR 16347, May 8, 1974]

§ 52.1422 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Nebraska's plan for the attainment and maintenance of the national standards.

[37 FR 10877, May 31, 1972]

§ 52.1423 [Reserved]

§ 52.1424 Legal authority.

The requirements of § 51.11(a) of this chapter are not met since the Lincoln-Lancaster County Health Department regulations contain the following deficiencies:

(a) Authority to require recordkeeping is inadequate (§ 51.11(a)(5) of this chapter).

(b) Authority to require installation of monitoring devices or make periodic reports is inadequate (§ 51.11(a)(6) of this chapter).

[41 FR 25898, June 23, 1976]

EFFECTIVE DATE NOTE: At 47 FR 22955, May 26, 1982, § 52.1424 was removed, effective July 26, 1982.

§ 52.1425 Compliance Schedules.

(a) The compliance schedules for the sources identified below are approved as revisions to the plan pursuant to § 51.6 and § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

NEBRASKA—COMPLIANCE SCHEDULES

Source	Location	Regulation involved	Date adopted	Variance expiration date	Final compliance date
Allied Mills, Inc.: 3 drums and 2 hammermills.	Elm Creek plant	Rules 5, 13	Aug. 22, 1974	May 1, 1976	May 1, 1976.
Cominco American, Inc.: Nitric acid absorption tower.	Beatrice	Rule 10	do	July 31, 1976	July 31, 1976.
Dobson Bros. Construction Co.: Portable asphalt plant.	Outstate	Rule 5	do	May 1, 1976	May 1, 1976.
Beerman Bros. Dehydrating: Dryers and hammermill.	Dakota City	do	do	do	Do.
Behrens Blacktop: B/G 845 asphalt plant.	Beatrice	do	do	July 31, 1976	July 31, 1976.
W. A. Biba Engineering:					
(a) Asphalt plant—Model G-80.	Geneva	Rule 13	do	June 25, 1976	June 25, 1976.
(b) Asphalt plant—Model G-40.	do	Rule 5	do	do	Do.
Board of Public Utilities Power Plant No. 1: Boilers Nos. 4 and 5.	Fremont	Rule 6	do	June 1, 1976	June 1, 1967.
Bram, Inc.: Drum and hammermill.	Arlington	Rule 5	do	July 31, 1976	July 31, 1976.
CF Industries, Inc.: Nitric acid plant.	Fremont	Rule 10	do	do	Do.
Consolidated Blenders, Inc.: Drum and hammermill.	Arlington	Rule 5	do	June 1, 1976	June 1, 1976.
Consolidated Blenders, Inc.: Old plant drums and hammermills.	Gothenburg	do	do	do	Do.
Consolidated Blenders, Inc.: Drum and hammermill.	Lexington	do	do	do	Do.

NEBRASKA—COMPLIANCE SCHEDULES—Continued

Source	Location	Regulation involved	Date adopted	Variance expiration date	Final compliance date
Consolidated Blenders, Inc.: Drums and hammermills.	Loomis	do	do	do	Do.
Consolidated Blenders, Inc.: Drum and hammermill.	Mead East	do	do	do	Do.
Consolidated Blenders, Inc.: Drums and hammermills.	Schuyler	do	do	do	Do.
Consolidated Blenders, Inc.: Drum and hammermills.	Wausa	do	do	do	Do.
Consolidated Blenders, Inc.: Drums and hammermill.	Wood River	do	do	do	Do.
Do	York	do	do	do	Do.
Dawson County Feed Products, Inc. Drum and hammermill.	Brule	do	do	June 30, 1976	June 30, 1976.
Dudden Alfalfa Farms, Inc.: Drum and hammermills.	Venango	do	do	May 15, 1976	May 15, 1976.
Edison Dehy. Co., Inc.: Drums and hammermills.	Edison	do	do	July 31, 1976	July 31, 1976.
J. L. Healy Construction Co: Portable asphalt plant No. 606.	Outstate	do	do	do	Do.
J. L. Healy Construction Co.: Portable asphalt Plant No. 692.	do	do	do	do	Do.
Hillside Dehy. Inc.: Drums and hammermill.	Vehling	do	do	May 5, 1976	May 5, 1976.
Land O'Lakes, Inc.: Drums and hammermill.	David City	do	do	July 24, 1976	July 24, 1976.
Do	West Point	do	do	July 3, 1976	July 3, 1976.
Loup Valley Alfalfa, Inc.: Drum and hammermill.	Burwell	Rule 13	do	June 30, 1976	June 30, 1976.
Magnus Metal Division: Reverberatory furnaces.	Fremont	do	do	July 1, 1976	July 1, 1976.
Missouri Valley Construction Co. Asphalt concrete plant.	do	Rule 5	do	June 30, 1976	June 30, 1976.
Missouri Valley Construction Co.: Asphalt plant (B/G Model 845).	Columbus	do	do	do	Do.
Missouri Valley Construction Co.: Asphalt plant (B/G Model 848).	Norfolk	Rule 5	Aug. 22, 1974	June 30, 1976	June 30, 1976.
Missouri Valley Construction Co.: Portable asphalt plant.	Grand Island	do	do	do	Do.
Do	McCook	do	do	do	Do.
Morrison & Quirk, Inc.: Drum and hammermill.	Lyons	do	do	July 31, 1976	July 31, 1976.
Do	Oakland	do	do	do	Do.
Do	Pender	do	do	do	Do.
North Bend Alfalfa, Inc.: Drums and hammermills.	North Bend	do	do	Jan. 15, 1976	Jan. 15, 1976.
Shofstall, Inc.: Drums and hammermills.	Odessa	do	do	July 1, 1976	July 1, 1976.
Table Rock Lumber Co.: Incinerator.	Table Rock	Rule 7	do	July 31, 1976	July 31, 1976.
Western Alfalfa Corp.: Drums and hammermill.	Cozad	Rules 5 and 13	do	do	Do.
Western Alfalfa Corp.: Drums and hammermills.	Elm Creek	do	do	do	Do.
Do	Kearney	do	do	do	Do.
Gothenburg Feed Products Co.: Drum and hammermill.	Willow Island	Rule 5	Jan. 14, 1975	July 1, 1976	July 1, 1976.
Sargent Alfalfa Products, Inc.: Drums and hammermill.	Sargent	Rule 13	do	July 15, 1976	July 15, 1976.
Transco Feed Products, Inc.: Drums and hammermills.	Nickerson	Rule 5	May 6, 1975	May 1, 1976	May 1, 1976.
Kaw Dehydrating Co., Inc.:					
Drums 1 and 2, hammermills.	Brady	do	do	June 1, 1976	June 1, 1976.
8 by 24 Heil dryer	do	do	do	do	Do.
Hanna & Lamb Milling Co.: Drums and hammermills.	Gothenburg	do	do	July 1, 1976	July 1, 1976.

NEBRASKA—COMPLIANCE SCHEDULES—Continued

Source	Location	Regulation involved	Date adopted	Variance expiration date	Final compliance date
Central Alfalfa, Inc.:					
8 by 24 Heil dryer	Josselyn plant	do	do	July 31, 1976	July 31, 1976.
12 by 42 MEC dryer	do	do	do	do	Do.
Cedar Bluffs Dehydrating: 2 drums and 3 hammermills.	Cedar Bluffs	do	do	May 28, 1976	May 28, 1976.
Albers Dehydrating Co.: Drums 1 and a and hammermill.	Wisner	do	do	July 1, 1976	July 1, 1976.
Central Alfalfa, Inc.: Drums and hammermills.	Lexington	do	do	July 31, 1976	July 31, 1976.
Coleridge Dehydrating, Inc.: Drums and hammermills.	Coleridge	do	do	July 1, 1976	July 1, 1976.
Ebel Alfalfa Co., Inc.: Drum and hammermill.	Scribner	do	do	do	Do.
Fox Grain Co. (Division of Scoular-Bishop).	Gibbon	Rule 14	do	June 15, 1976	June 15, 1976.
Endicott Clay Products Co.: Lingltunnel kiln.	Fairbury	Rule 13	Sept. 2, 1975	July 31, 1976	July 31, 1976.
Iowa Beef Processors, Inc.: Raymond dryers.	Dakota City	do	do	do	Do.
Island Dehydrating, Inc.: Drums and hammermills.	Cozad	Rule 5	do	June 1, 1976	June 1, 1976.
Progressive Livestock & Feed, Inc.: Drum and hammermill.	Bertrand	do	do	July 1, 1976	July 1, 1976.
Progressive Products Co., Inc	Overton	do	do	do	Do.
Mid-America Dairymen: Spray dryer.	Norfolk	do	Jan. 6, 1976	July 31, 1976	July 31, 1976.
Do	Superior	do	do	do	Do.
Consolidated Blenders, Inc.: Drum and hammermill.	Mead West	do	do	do	Do.
Consolidated Blenders: Drum and hammermill.	Darr East	do	do	do	Do.
Consolidated Blenders: New plant-drum and hammermill.	Gothenburg	do	do	do	Do.
Consolidated Blenders: Drum and hammermill.	Grand Island	do	do	do	Do.
Do	Ord	do	do	do	Do.
Do	Stanton	do	do	do	Do.
Cozad Alfalfa, Inc.: Drum and hammermill.	Cozad	Rule 5	Jan. 6, 1976	July 1, 1976	July 1, 1976.
Kearney Alfalfa Mills, Inc.: Drums and hammermills.	Kearney	do	do	May 30, 1976	May 30, 1976.
Orleans Milling Co., Inc.: Drum and hammermill.	Orleans	do	do	do	Do.
Ideal Cement Co.: Wet process cement, kilns.	Superior	Rule 5, 13	July 24, 1975	Jan. 15, 1977	Jan. 15, 1977.
City of Fremont, Board of Public Works, Lon D. Wright Powerplant: Units 6, 7.	Fremont	Rule 6	do	Feb. 1, 1977	Feb. 1, 1977.
Consolidated Blenders, Inc.:					
2 drums, meal system, palletizing.	Aurora	Rule 5	Mar. 25, 1976	May 1, 1977	May 1, 1977.
Do	Shelton	do	do	do	Do.
Do	Gibbon	do	do	do	Do.
Do	Minden	do	do	do	Do.
Do	Odessa	do	do	do	Do.
Do	Cambridge	do	do	do	Do.
Land O'Lakes, Inc., Al-Fa-Meal Div.:					
2 drum, meal system, pelletizing.	Monroe	do	do	July 17, 1977	July 17, 1977.
Do	Central City	do	do	July 16, 1977	July 16, 1977.
Comince American: Nitric acid plant.	Beatrice	Rule 10	May 14, 1976	Dec. 31, 1976	Dec. 31, 1976.
Dawson County Feed, Products, Inc. Drum, meal system, palletizing.	Lexington	Rule 5	June 18, 1976	May 1, 1977	May 1, 1977.
Endicott Clay Products Co	Fairbury				
Tunnel kiln		Rule 13	Sept. 10, 1976	July 1, 1977	July 1, 1977.
Con Agra, Inc	Fremont				

NEBRASKA—COMPLIANCE SCHEDULES—Continued

Source	Location	Regulation involved	Date adopted	Variance expiration date	Final compliance date
Cyclone on head house and cyclone-venting leg No. 2, west end of elevator.		Rule 13	Sept. 10, 1976	May 21, 1977	May 21, 1977.

[41 FR 22350, June 3, 1976, as amended at 41 FR 52456, Nov. 30, 1976; 42 FR 16140, Mar. 25, 1977]

§§ 52.1426—52.1428 [Reserved]

§ 52.1429 Source surveillance: Rules and regulations.

(a) The requirement of § 51.19(a) of this chapter are not met since the State does not have adequate procedures to require owners and operators of stationary sources, which are under the jurisdiction of the State Agency to maintain records which are necessary to determine whether such sources are in compliance with applicable portions of the control strategy.

(b) [Reserved]

(c) The requirements of § 51.19(a) of this chapter are not met in Lincoln-Beatrice-Fairbury Intrastate Region since the Lincoln-Lancaster County Health Department lacks procedures to require owners or operators of stationary sources to maintain records and make periodic reports on the nature and amount of emissions.

(d) [Reserved]

(e) The requirements of § 51.19(b) of this chapter are not met in the Lincoln-Beatrice-Fairbury Intrastate Region since the Lincoln-Lancaster County Health Department does not provide for periodic testing and inspection of sources.

(f) [Reserved]

(g) *Regulation for control of visible emissions.* (1) Except as provided under paragraph (g)(2) of this section, no owner or operator of any process source subject to the provisions of § 52.1432(b) shall emit or cause the emission of air pollutants of a shade or density equal to or darker than that designated as No. 1 of the Ringelmann chart or 20-percent opacity.

(2) An owner or operator subject to paragraph (g)(1) of this section may emit or cause the emission of air pollutants of a shade or density not darker than that designated as No. 3 on the Ringelmann chart or 60-percent opacity for a period or periods aggregating not more than 3 minutes in any 60 minutes.

(3) Compliance with this paragraph shall be in accordance with the provisions of § 52.1425(b)(4).

(4) The procedures used to determine compliance with this paragraph are prescribed in method 9 in the appendix to Part 60 of this chapter.

[37 FR 15085, July 27, 1972, as amended at 38 FR 12700, May 14, 1973; 40 FR 55331, Nov. 28, 1975]

EFFECTIVE DATE NOTE: At 47 FR 22955, May 26, 1982, § 52.1429 was removed, effective July 26, 1982.

§ 52.1430 [Reserved]

§ 52.1431 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Nebraska's plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
	Primary	Secondary	Primary	Secondary			
Metropolitan Omaha-Council Bluffs Interstate	*a*	*a*	b	*a*	c	c	c
Lincoln-Beatrice-Fairbury Intrastate	b	*a*	c	c	c	c	c
Metropolitan Sioux City Interstate	c	c	c	c	c	c	c
Nebraska Intrastate	c	c	c	c	c	c	c

NOTE: Dates or footnotes which are italicized are prescribed by the Administrator because the plan does not provide a specific date.

a. July 1975.
b. Air quality levels presently below primary standards.
c. Air quality levels presently below secondary standards.

[37 FR 10877, May 31, 1972, as amended at 38 FR 12702, May 14, 1973; 39 FR 16347, May 8, 1974; 40 FR 41779, Sept. 2, 1975]

§§ 52.1432—52.1434 [Reserved]

§ 52.1435 Maintenance of national standards.

(a) The area listed below is hereby identified by the Administrator pursuant to § 51.12, paragraphs (e) and (f), of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified area consists of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Omaha-Council Bluffs Interstate Air Quality Maintenance Area (Nebraska Portion).

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of the area:

Douglas County, Sarpy County.

[40 FR 23755, June 2, 1975]

§ 52.1436 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Nebraska.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart DD—Nevada

§ 52.1470 Identification of plan.

(a) Title of plan: "Air Quality Implementation Plan for the State of Nevada."

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Errata sheet to the plan was submitted on April 26, 1972, by the Division of Health.

(2) Washoe County regulations submitted on June 12, 1972, by the Governor.

(3) Compliance schedules submitted on July 14, 1972, by the Governor.

(4) Legal opinions concerning the plan submitted on November 17, 1972, by the Office of the Attorney General.

(5) Amended Clark County regulations submitted on January 19, 1973, by the Governor.

(6) Amendments to the Nevada Air Quality Regulations NAQR to regulate construction of complex sources

(Article 13) submitted on April 1, 1974, by the Governor.

(7) Amendments to the NAQR to regulate sulfur emissions from nonferrous smelters; (Article 8.1); to regulate and monitor visible emissions from stationary sources (Article 4); and to allow supplementary control systems (Article 14); submitted on June 14, 1974, by the Governor.

(8) Amendments to the NAQR to regulate open burning (Article 5.2.3 and 5.2.4), and to regulate the construction of complex sources (Article 13), submitted on November 12, 1974, by the Governor.

(9) Administrative procedures for the review of complex sources submitted on December 11, 1974, by the Governor's representative.

(10) Amendments to the Nevade Revised Statutes (NRS) (1975 Legislative Session) on motor vehicle inspection and testing (NRS 445.640, 445.700, 482.640 and 169.125), public availability of emission data (NRS 445.576), organization (NRC 445.481 and 481.——). (Section 1 of 1975 Assembly Bill 326), stack testing (NRS 445.447), and alleged violations (NRS 445.526) submitted on September 10, 1975 by the Governor.

(11) Amendments to the NAQR, as amended through September 18, 1975, submitted on October 31, 1975, by the Governor, as follows:

Article 1—Definitions: 1.6-1.13, 1.15-1.33, 1.35-1.69;

Article 2—General Provisions: 2.4.1-2.4.4, 2.5.1, 2.5.2, 2.5.4, 2.6.1-2.6.4, 2.7.1, 2.8.1, 2.8.4, 2.8.5.1, 2.9.1-2.9.3, 2.9.5-2.9.7, 2.10.1.2, 2.10.2-2.10.4, 2.11.4.2;

Article 3—Registration Certificates and Operating Permits: 3.1.3, 3.1.5, 3.1.6, 3.1.8a & d-i, 3.1.9, 3.2.2-3.2.6, 3.3.2, 3.3.5, 3.4.1, 3.4.6-3.4.14;

Article 4—Visible Emissions From Stationary Sources: 4.1, 4.2, 4.3.5, 4.4-4.4.2;

Article 5—Open Burning: 5.2.3, 5.2.4;

Article 6—Incinerator Burning: 6.3-6.6.2;

Article 7—Particulate Matter: 7.1.3, 7.2.1-7.2.3, 7.3.1-7.3.3;

Article 8—Sulfur Emissions: 8.1.1, 8.1.2, 8.1.4, 8.2.2.1, 8.3-8.4;

Article 9—Organic Solvent, Other Volatile Compounds: 9.1, 9.2-9.2.1.1, 9.2.2, 9.2.3;

Article 10—Odors: 10.2.1.1, 10.2.1.2;

Article 11—Mobile Equipment: 11.3-11.7.1, 11.7.4-11.7.5, 11.10, 11.10.1, 11.11-11.14.17.

(12) Amendments to miscellaneous Nevada air quality control regulations and to other sections of the State plan submitted on December 10, 1976, by the Governor, as follows:

Article 1—Definitions: 1.1-1.213;

Article 2—General Provisions: 2.5.3, 2.6.2-2.6.9, 2.7.1-2.7.4, 2.8.5.2, 2.16, 2.17;

Article 3—Registration Certificates and Operating Permits, 3.1.9.1, 3.2.1;

Article 7—Particulate Matter: 7.2.4;

Article 8—Sulfur Emissions: 8.2.2-8.2.4;

Article 11—Mobile Equipment: 11.7.6, 11.8, 11.9, 11.10.2;

Section 3—Air quality data: 3.2;

Section 4—Emissions summary: 4.2;

Section 5—Control strategy: 5.1, table 5.1, table 5.2;

Section 10—Air quality surveillance network: monitoring network table, sampling sites modification table.

(13) Amendments to the NAQR and the control strategy submitted on October 7, 1976, by the Governor.

(i) Article 7—Particulate Matter: 7.2.7; Table 4.2—Emissions Inventory Summary for Particulates.

Table 5.2—Summary of Control Strategy Analysis for Particulates.

(14) The following amendments to the plan were submitted on December 29, 1978, by the Governor.

(i) Nevada State Emergency Episode Plan Sections: 6.1.4, 6.1.5, 6.5.2.2; Tables: 6.1, 6.2 (Stages 1, 2, and 3), 6.3; Air Pollution Episode Notice; Episode Communication Checklist.

(ii) Nevada Revised Statutes Policy Declarations; Definitions:

445.401, 445.406, 445.411, 445.416, 445.421, 445.424, 445.427, 445.431, 445.441, 445.446; State Environmental Commission: 445.451, 445.456, 445.461, 445.466, 445.471, 445.472, 445.473, 445.474, 445.476; Local Hearing Boards: 445.486; Enforcement Provisions: 445.491, 445.496, 445.497, 445.498, 445.499, 445.501; Variances: 445.506, 445.511, 445.516, 445.521; Hearings, Orders Respecting Violations: 445.529; Local Air Pollution Control Programs: 445.546, 445.551, 445.556, 445.561, 445.566; Miscellaneous Provisions: 445.571, 445.581, 445.586, 445.596, 445.598; Penalties: 445.601; Deletions: Senate Bill 275, Sections 8.5, 17(1-4, 6, 7), 27, 38.

(iii) Nonattainment area plans for Mason Valley/Fernley Area, Lander County, Carson Desert, Winnemucca Segment, Truckee Meadows, and Las Vegas Valley.

(iv) Nevada Revised Statutes, Engine Emission Controls:

445.610, 445.620, 445.625, 445.630, 445.640, 445.650, 445.660, 445.670, 445.680, 445.690, 445.700, 445.705, and 445.710.

(v) Nevada Air Quality Regulations for Mobile Equipment:

Article 1—Sections 1.1 to 1.38; Article 2—Sections 2.1 to 2.2; Article 3—Sections 3.1 to 3.14.6; and Article 4—Sections 4.1 to 4.20.

(vi) Nevada Revised Statute 445.493, Limitations on Enforcement of Regulations as to Indirect Sources and Authority to Review New Indirect Sources.

(vii) Amendments to the Nevada Air Quality Regulations:

Article 1, Rules 1.44, 1.53, 1.60, 1.98.1; Article 2, Rules 2.2.2, 2.11.7, 2.17.3.2 a/b, 2.17.4, 2.17.4.1, 2.17.9.8, 2.17.10, 2.17.10.1; Article 3, Rules 3.1.1, 3.1.2, 3.1.3, 3.4.11; Article 4, Rule 4.3.[6]4; Article 5, Rule 5.2.4; Article 6, Rule 6.3; Article 7 Rules 7.1.[3]2, 7.3.3; Article 8, Rules 8.2.1.1, 8.2.1.2, 8.2.2, and Article 12, Rule 12.1.

(viii) Amendments to the Nevada Air Quality Regulations:

Article 1; Article 7, Rules 7.2.8.1—7.2.8.3; Article 16, Rules 16.3.1.2—16.3.3 and Rules 16.15.1—16.15.4.

(15) Redesignation of the Clark-Mohave Interstate AQCR submitted on March 23, 1979, by the Governor.

(16) The following amendments to the plan were submitted on July 24, 1979, by the Governor.

(i) Amendments to the Nevada Air Quality Regulations: Article I—Definition: No. 2—LAER.

(ii) Amendments to the Clark County District Board of Health Air Pollution Control Regulations:

Section 15—Source Registration, 15.1, 15.2, 15.3, 15.4, 15.5, 15.6, 15.7, 15.8, 15.9, 15.10, 15.11, and 15.12; Section 50—Storage of Petroleum Products; Section 51—Petroleum Product Loading into Tank Trucks, and Trailers; and Section 52—Handling of Gasoline at Service Stations, Airports and Storage Tanks.

(iii) Amendments to the Washoe County District Board of Health Air Pollution Control Regulations:

Definitions, Sections 010.011, 010.014, 010.028, 010.057, 010.059, 010.071, 010.072, 010.091, 010.106, 010.107B, 010.108, 010.116, 010.117, 010.136, 010.148, 010.149, 010.151, 010.166, 010.197, and 010.1751; Source Registration and Operation, Sections 030.000, 030.005, 030.010, 030.015, 030.025, 030.030, 030.110, 030.115 (1 and 5)B, 030.120, 030.1201, 030.205, 030.210, 030.215, 030.245, and 030.250; Section 040.070—Storage of Petroleum Products; Section 040.075—Gasoline Loading into Tank Trucks and Trailers; Section 040.080—Gasoline Unloading from Tank Trucks and Trailers into Storage Tanks; Section 040.085—Organic Solvents; and Section 040.090—Cut-Back Asphalt.

(iv) Paving schedules for the following Nonattainment Area Plans: Mason Valley/Fernley Area, Carson Desert, Winnemucca Segment, and Lander County.

(v) Amendments to the Las Vegas Valley Nonattainment Area Plan: Two memoranda of understanding between Clark County, the Health District, and the Transportation Policy Committee.

(vi) Nevada Revised Statutes, Engine Emission Control: 445.632, 445.634, 445.635, and 445.644.

(vii) Lake Tahoe Basin Nonattainment Area Plan.

(viii) Amendmens to the Clark County District Board of Health Air Pollution Control Regulations:

Section 2, Rules 2.1, 2.2, 2.3; Section 3, Rule 3.1; Section 4, Rules 4.1—4.11; Section 5, Rule 5.1; Section 6, Rule 6.1; Section 7, Rules 7.1—7.19; Section 8, Rules 8.1, 8.2, 8.7 (deletion); Section 9, Rules 9.1—9.3; Section 10; Section 16, Rules 16.1,—16.5, 16.6 (Operating Permits), 16.6 (Emission of Visible Air Contaminants) (deletion), 16.7—16.9; Section 17, Rules 17.1.—17.8; Section 18, Rules 18.1—18.12; Section 23, Rules 23.1—23.5; Section 24, Rules 24.1—24.5; Section 25, Rules 25.1, 25.2, 25.4 (deletion); Section 26, Rules 26.1—26.3; Section 27, Rules 27.1, 27.2, 27.3, 27.4; Section 28, Rules 28.1, 28.2; Section 29; Section 30, Rules 30.1—30.7; Section 31; Section 32, Rules 32.1, 32.2; Section 40, Rule 40.1; Section 41, Rules 41.1—41.4; Section 42, Rules 42.1—42.4; Section 43, Rule 43.1; Section 70, Rules 70.1—70.6; Sections 80, and 81.

NOTE: At 47 FR 27071, June 23, 1982, the following paragraph (c)(16)(viii) was added to § 52.1470, effective July 23, 1982, and will be correctly designated by an EPA document published in the FEDERAL REGISTER at a later date.

(viii) Repeal and removal of all references to Indirect (Complex) Sources in the following rules or portions of rules in the Nevada Air Quality Regulations. Article 1—Definitions: 1.12, 1.95, 1.147(l), and 1.202. Article 2—Registration Certificates and Operating Permits: 3.1.9, 3.2.1, 3.2.2, and 3.2.5.

Article 13—Point Sources: 13.1.1, 13.1.2, 13.2, and 13.2.1 to 13.5.3.

(ix) Amendments to the Washoe County District Board of Health Air Pollution Control Regulations:

Sections 020.055, 030.300, 030.305, 030.310, 030.3101-030.3105, 030.3107, and 030.3108 and the following deletions: 010.115, 050.005, 050.010, 050.015, 050.020, 050.025, 050.030, and 050.035.

(x) Amendments to the Nevada Air Quality Regulations: Article 12, Lead (Pb).

(17) The following amendments to the plan were submitted on September 18, 1979, by the Governor.

(i) Amendments to the Clark County District Board of Health Air Pollution Control Regulations:

Section 1—Definitions (except 1.14, 1.15, 1.79, and 1.94); Section 15.14—Source Registration Requirements for Areas Exceeding Air Quality Standards; and Section 60—Evaporation and Leakage.

(ii) Amendments to the Clark County District Board of Health Air Pollution Control Regulations:

Section 1, Rules 1.79, 1.94; Section 11, Rules 11.1, 11.1.1-11.1.8, 11.2, 11.2.1-11.2.3, 11.3, 11.3.1, 11.3.2, 11.4, and Section 13, Rule 13.5 (deletion).

(18) Amendments to the Nevada Air Quality Regulations submitted on March 17, 1980, by the Governor.

(i) Article 13.1.3—Point Sources and Registration Certificates.

(19) The following amendments to the plan were submitted on June 24, 1980, by the Governor.

(i) Section 10—State of Nevada Ambient Air Quality Monitoring and Surveillance.

(ii) Amendment to the Nevada Air Quality Regulations: Article 4, Rule 4.3.6.

(iii) Clark County, Nevada Lead SIP.

(20) The following amendment to the plan was submitted on August 19, 1980 by the Governor.

(i) Request for Extension of the Carbon Monoxice Attainment Date for the Truckee Meadows Nonattainment Area.

(21) The following amendments to the plan were submitted on October 13, 1980, by the Governor.

(i) Amendments to the Nevada Revised Statutes: 704.820 through 704.900 (Utility Environmental Protection Act).

(ii) Rule 25, of General Order No. 3, Nevada Public Service Commission.

(22) The following amendments to the plan were submitted on November 5, 1980, by the Governor.

(i) Amendments to the Clark County District Board of Health Air Pollution Control Regulations: Section 4, Rules 4.12, 4.12.1-4.12.3.

(ii) Amendments to the Nevada Air Quality Regulations: Article 7, Rules 7.2.5, 7.2.5.1, 7.2.9; and Article 8, Rule 8.3.4.

(23) The following amendments to the plan were submitted on March 4, 1981, by the Governor:

(i) Las Vegas Valley Air Quality Implementation Plan (excluding Clark County Air Pollution Control Regulations).

(24) The following amendments to the plan were submitted on November 17, 1981 by the Governor.

(i) Amendments to the Nevada Air Quality Regulations: Article 14.1.

(ii) Resolution of the Washoe Council of Governments adopted August 28, 1981 and Endorsement of the State Environmental Commission dated October 15, 1981.

(iii) Amendments to the Clark County District Board of Health Air Pollution Control Regulations:

Section 1—Definitions 1.7, 1.13, 1.14, 1.15, 1.32, 1.48, 1.50, 1.52, 1.57, 1.67, 1.72, 1.90 and the addition of the following unnumbered definitions: "Emission Unit," "Criteria Pollutant," "Non-Criteria Pollutant," "Baseline Area," "Begin Actual Construction," "Building, Structure, Facility, or Installation," "Particulate Precursor," "Secondary Emissions," and "Significant."

Section 15—Source Registration, 15.1, 15.1.1, 15.1.2, 15.1.3, 15.1.4, 15.1.5, 15.1.6, 15.1.7, 15.1.8, 15.2; 15.2.1, 15.2.2, 15.3, 15.4, 15.5; Preconstruction Review for New and Modified Sources, 15.6, 15.6.1, 15.6.1.1, 15.6.1.2 (deleted), 15.6.1.6, 15.6.2, 15.6.2.1 (deleted), 15.6.2.2, 15.6.2.3, 15.6.2.4, 15.6.2.5, 15.6.3, 15.6.3.1, 15.6.3.2 to 15.6.3.5 (added), 15.6.6, 15.7, 15.8, 15.9, 15.10, 15.10.1, 15.10.2, 15.10.3, 15.10.4, 15.11, 15.12; Prevention of Significant Deterioration, 15.13 (added); Preconstruction Review Requirements for New or Modified Sources in Areas Exceeding Air Quality Standards ("Offset" Rules), 15.14.1, 15.14.1.2, 15.14.1.3 (added), 15.14.3.1, 15.14.3.2, 15.14.4, 15.14.4.1, 15.14.4.3, 15.14.3.3 (added), 15.14.4.3.4 (added), 15.14.4.3.5 (added) and, 15.14.4.4 (deleted).

(iv) Amendments to the Clark County District Board of Health Air Pollution Control Regulations:

Section 4, Rule 4.7.3; Section 7; Section 9, Rules 9.1; Section 16; Section 17, Rules 17.2.1 and 17.6.1; Section 18, Rules 18.1—18.5.2; Section 23, Rules 23.2.1—23.3.1.2 and Rules 23.3.4—23.3.5; Section 27; Section 30, Rules 30.4 and 30.8; Section 52, Rules 52.4.2.3 and 52.7.2; and Section 60, Rules 60.4.3.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7501 to 7508, and 7601(a)))

[37 FR 10878, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1470, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: In § 52.1470, paragraphs (c)(14)(viii), (16)(x), (22)(ii), and (24)(iv) were added at 47 FR 26387, June 18, 1982, effective August 17, 1982; paragraphs (c)(14)(vi) and (16)(viii) were added at 47 FR 27071, June 23, 1982, effective July 23, 1982; and paragraph (c)(19)(iii) was added at 47 FR 28375, June 30, 1982, effective July 30, 1982.

§ 52.1471 Classification of regions.

The Nevada plan is evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Las Vegas Intrastate	I	IA	III	I	I
Northwest Nevada Intrastate	I	III	III	III	III
Nevada Intrastate	IA	IA	III	III	III

(Secs. 110 and 301(a), Clean Air Act, as amended (42 U.S.C. 7410 and 7601(a)))

[45 FR 7545, Feb. 4, 1980]

§ 52.1472 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves Nevada's plan for the attainment and maintenance of the national standards under section 110 of the Clean Air Act.

(b) With the exceptions set forth in this subpart, the Administrator approves the plan with respect to Part D, Title I of the Clean Air Act, as amended in 1977, for the nonattainment areas listed in this paragraph.

(1) Mason Valley/Fernley Area for TSP.

(2) Lower Reese River Valley/Clovers Area for TSP.

(3) Carson Desert for TSP.

(4) Winnemucca Segment for TSP.

(5) Truckee Meadows for TSP and CO.

(6) Las Vegas Valley for TSP and CO.

(7) Lake Tahoe Basin for CO.

(c) With the exceptions set forth in this subpart, the Administrator approves the plan with respect to Part D, Title I of the Clean Air Act, as amended in the 1977, for the nonattainment areas listed in this paragraph. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the State Implementation Plan (SIP) depends on the adoption and submittal by January 1, 1981 of reasonably available control technology (RACT) requirements for sources covered by Control Technique Guidelines (CTG's) published between January 1978 and January 1979.

(1) Truckee Meadows for O_3.

(2) Las Vegas Valley for O_3.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501 to 7508, and 7601(a)))

[46 FR 21766, Apr. 14, 1981, as amended at 47 FR 27069, June 23, 1982]

§ 52.1473 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met in Washoe County, since the plan does not provide procedures for making emission data, as correlated with allowable emissions, available to the public. In addition, Chapter 020.065 of the "Air Pollution Control Regulations" of the

District Board of Health of Washoe County in the Northwest Nevada Intrastate Region is disapproved since it contains provisions which restrict the public availability of emission data as correlated with applicable emission limitations and other control measures.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[37 FR 10878, May 31, 1972, as amended at 37 FR 15086, July 27, 1972; 38 FR 12708, May 14, 1973; 40 FR 55331, Nov. 28, 1975; 43 FR 1342, Jan. 24, 1978]

§ 52.1474 Part D conditional approval.

(a) The following portions of the Nevada SIP contain deficiencies with respect to Part D of the Clean Air Act which must be corrected within the time limit indicated.

(1)-(3) [Reserved]

(4) The Lake Tahoe Basin portion of the Nevada SIP is approved as satisfying Part D requirements for carbon monoxide provided the following conditions are met.

(i) By December 20, 1982, the State must submit, as a SIP revision, emission reduction estimates for each adopted control measure or package of control measures.

(ii) By December 20, 1982, the State must submit, as a SIP revision, a fully documented modeling analysis indicating attainment by 1982 based upon legally adopted control measures.

(iii) By December 20, 1982, the State must submit, as a SIP revision, written evidence that all adopted measures are supported by sufficient implementation commitments or that adopted schedules for obtaining such commitments will ensure that all measures will be implemented consistent with reasonable further progress. As an alternative, the State may submit equivalent control strategies supported by commitments and full legal adoption.

(iv) By December 20, 1982, the State must submit, as a SIP revision, evidence of the necessary resource commitments to implement the Lake Tahoe Basin NAP.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501 to 7508, and 7601(a)))

[46 FR 21766, Apr. 14, 1981, as amended at 47 FR 15792, Apr. 13, 1982; 47 FR 27069, June 23, 1982]

§ 52.1475 Control strategy and regulations: Sulfur oxides.

(a) The requirements of § 51.13 of this chapter are not met since the plan does not adequately provide for attainment and maintenance of the National Ambient Air Quality Standards for sulfur oxides in the Nevada Intrastate Region.

(b) Article 8.1.3 of Nevada's "Air Quality Regulations" (emission limitation for sulfur from existing copper smelters), which is part of the sulfur oxides control strategy, is disapproved since it does not provide the degree of control needed to attain and maintain the National Ambient Air Quality Standards for sulfur oxides in the Nevada Intrastate Region.

(c) *Regulation for control of fugitive sulfur oxides emissions (Nevada Intrastate Region).* (1) The owner or operator of the Kennecott Copper Company smelter located in White Pine County, Nevada, in the Nevada Intrastate Region shall utilize best engineering techniques for reducing escape of pollutants to the atmosphere and to capture sulfur oxides emissions and vent them through a stack or stacks. Such techniques shall include, but not be limited to:

(i) Installing and operating hoods on all active matte tapholes, matte launders, slag skim bays, slag handling operations, and holding ladles on each reverberatory furnace;

(ii) Installing tight fitting hoods on each active converter and operating such hoods except during pouring and charging operations;

(iii) Maintaining all ducts, flues, and stacks in a leak-free condition;

(iv) Maintaining all reverberatory furnaces and converters under normal operating conditions in such a fashion that out-leakage of gases will be prevented to the maximum extent possible;

(v) Wherever feasible, ducting emissions through the tallest stack or stacks serving the facility; and

(vi) Wherever feasible, passing the effluents from all hooding through the tallest stack or stacks serving the facility.

(2) (i) If the owner or operator of the smelter subject to this paragraph is not in compliance with the provisions of paragraph (c)(1) of the section the following compliance schedule shall apply:

(*a*) 30 days after the effective date of this regulation. Let contracts or issue purchase orders for hoods and flues for control of fugitive sulfur oxides emissions or provide evidence that such contracts have been let.

(*b*) July 1, 1975. Initiate on-site construction and/or installation of emission control equipment.

(*c*) July 1, 1976. Complete on-site construction and/or installation of emission control equipment.

(*d*) January 1, 1977. Achieve final compliance with requirements of paragraph (c)(1) of this section.

(ii) The owner or operator of the smelter subject to the requirements of this paragraph shall certify to the Administrator within five days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(iii) If the source subject to this paragraph is presently in compliance with the requirements of paragraph (c)(1) of this section, the owner or operator of such source may certify such compliance to the Administrator within thirty (30) days of the effective date of this paragraph. If such certification is acceptable to the Administrator, the applicable requirements of this paragraph shall not apply to the certifying source. The Administrator may request whatever supporting information he considers necessary to determine the validity of the certification.

(3) The owner or operator of the smelter subject to this paragraph may submit to the Administrator, no later than thirty (30) days after the effective date of this paragraph, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after January 1, 1977. If approved by the Administrator, such schedule shall satisfy the compliance schedule requirements of this paragraph for the affected source.

(d) *Regulation for control of sulfur dioxide emissions (Nevada Intrastate Region).* (1) The owner or operator of the Kennecott Copper Company smelter located in White Pine County, Nevada, in the Nevada Intrastate Region shall comply with all the requirements of this paragraph, except as provided in paragraph (e) of this section.

(2) (i) After July 31, 1977, the owner or operator of the smelter subject to this paragraph shall not discharge or cause the discharge of sulfur dioxide into the atmosphere in excess of 10,150 pounds per hour (4,603 kg/hr.) maximum 6-hour average as determined by the method specified in paragraph (d)(4) of this section.

(ii) The limitation specified in paragraph (d)(2)(i) of this section shall apply to the sum total of sulfur dioxide emissions from the smelter processing units and sulfur oxides control and removal equipment, but not including uncaptured fugitive emissions and those emissions due solely to the use of fuel for space heating or steam generation.

(3) (i) The owner or operator of the smelter to which this paragraph is applicable shall, no later than 30 days following the effective date of this paragraph, submit to the Administrator for approval a proposed compliance schedule that demonstrates compliance with paragraph (d)(2) of this section as expeditiously as practicable but not later than July 31, 1977.

(ii) The compliance schedule submitted to the Administrator pursuant to paragraph (d)(3)(i) of this section shall provide for increments of progress toward compliance. The dates for achievement of such increments of progress shall be specified. Increments of progress shall include, but not be limited to, the following:

(*a*) Submittal of final control plan to the Administrator for meeting the requirements of paragraph (d)(2) of this section.

(*b*) Letting of necessary contracts or process changes, or issuance of orders for the purchase of component parts, to accomplish emission control or process modification;

(*c*) Initiation of on-site construction or installation of emission control equipment or process modification;

(*d*) Completion of on-site construction or installation of emission control equipment or process modification;

(*e*) Full compliance with the requirements of paragraph (d)(2) of this section.

(iii) The owner or operator of the smelter subject to the requirements of this subparagraph shall certify to the Administrator within five days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(iv) Notice must be given to the Administrator at least 10 days prior to conducting a performance test to afford him the opportunity to have an observer present.

(v) If the source subject to this paragraph is currently in compliance with the requirement of paragraph (d)(2) of this section, the owner or operator of such source may certify such compliance to the Administrator within thirty (30) days of the effective date of this paragraph. If such certification is acceptable to the Administrator, the applicable requirements of this paragraph (d)(3) of this section shall not apply to the certifying source. The Administrator may request whatever supporting information he considers necessary to determine the validity of the certification.

(4) (i) The owner or operator of the smelter to which this paragraph is applicable shall install, calibrate, maintain, and operate a measurement system(s) for continuously monitoring sulfur dioxide emissions and stack gas volumetric flow rates in each stack which emits 5 percent or more of the total potential (without emission controls) hourly sulfur oxides emissions from the source. For the purpose of this paragraph, "continuous monitoring" means the taking and recording of at least one measurement of sulfur dioxide concentration and stack gas flow rate reading from the effluent of each affected stack in each 15-minute period.

(ii) Within nine months after the effective date of this paragraph, and at other such times in the future as the Administrator may specify, the sulfur dioxide concentration measurement system(s) installed and used pursuant to this paragraph shall be demonstrated to meet the measurement system performance specifications prescribed in Appendix D to this part.

(iii) Within nine months after the effective date of this paragraph, and at other such times in the future as the Administrator may specify, the stack gas volumetric flow rate measurement system(s) installed and used pursuant to this paragraph shall be demonstrated to meet the measurement system performance specifications prescribed in Appendix E to this part.

(iv) The Administrator shall be notified at least ten (10) days in advance of the start of the field test period required in Appendices D and E to this part to afford the Administrator the opportunity to have an observer present.

(v) The sampling point for monitoring emissions shall be in the duct at the centroid of the cross section if the cross sectional area is less than 4.647 m^2 (50 $ft.^2$) or at a point no closer to the wall than 0.914 m (3 ft.) if the cross sectional area is 4.647 m^2 (50 $ft.^2$) or more. The monitor sample point shall be in an area of small spatial concentration gradient and shall be representative of the concentration in the duct.

(vi) The measurement system(s) installed and used pursuant to this section shall be subjected to the manufacturer's recommended zero adjustment and calibration procedures at least once per 24-hour operating period unless the manufacturer specifies or recommends calibration at shorter intervals, in which case such specifications or recommendations shall be followed. Records of these procedures shall be made which clearly show instrument readings before and after zero adjustment and calibration.

(vii) Six-hour average sulfur dioxide emission rates shall be calculated in accordance with paragraph (d)(5) of this section, and recorded daily.

(viii) The owner or operator of the smelter subject to this paragraph shall maintain a record of all measurements required by this paragraph. Measurement results shall be expressed as pounds of sulfur dioxide emitted per six hour period. A 6-hour average value calculated pursuant to paragraph (d)(5)(i) of this section shall be reported as of each hour for the preceding 6-hour period. Results shall be summarized monthly and shall be submitted to the Administrator within fifteen (15) days after the end of each month. A record of such measurements shall be retained for at least two years following the date of such measurements.

(ix) The continuous monitoring and recordkeeping requirements of this subparagraph shall become applicable nine months after the effective date of this regulation.

(5) (i) Compliance with the requirements of paragraph (d)(2) of this section shall be determined using the continuous measurement system(s) installed, calibrated, maintained and operated in accordance with the requirements of paragraph (d)(4) of this section. For all stacks equipped with the measurement system(s) required by paragraph (d)(4) of this section, a 6-hour average sulfur dioxide emission rate shall be calculated as of the end of each clock hour, for the preceding six hours, in the following manner:

(*a*) Divide each 6-hour period into 24 15-minute segments.

(*b*) Determine on a compatible basis a sulfur dioxide concentration and stack gas flow rate measurement for each 15-minute period for each affected stack. These measurements may be obtained either by continuous integration of sulfur dioxide concentration and stack gas flow rate measurements (from the respective affected facilities) recorded during the 15-minute period or from the arithmetic average of any number of sulfur dioxide concentration and stack gas flow readings equally spaced over the 15-minute period. In the later case, the same number of concentration readings shall be taken in each 15-minute period and the readings shall be similarly spaced within each 15-minute period.

(*c*) Calculate the arithmetic average (lbs SO_2/hr) from all 24 emission rate measurements in each 6-hour period for each stack.

(*d*) Total the average sulfur dioxide emission rates for all affected stacks.

(ii) Notwithstanding the requirements of paragraph (d)(5)(i) of this section, compliance with the requirements of paragraph (d)(2) of this section shall also be determined by using the methods described below at such times as may be specified by the Administrator. For all stacks equipped with the measurement system(s) required by paragraph (d)(4) of this section, a 6-hour average sulfur dioxide emission rate (lbs SO_2/hr) shall be determined as follows:

(*a*) The test of each stack emission rate shall be conducted while the processing units vented through such stack are operating at or above the maximum rate at which they will be operated and under such other conditions as the Administrator may specify.

(*b*) Concentrations of sulfur dioxide in emissions shall be determined by using Method 8 as described in Part 60 of this chapter. The analytical and computational portions of Method 8 as they relate to determination of sulfuric acid mist and sulfur trioxide as well as isokinetic sampling may be omitted from the over-all test procedure.

(*c*) Three independent sets of measurements of sulfur dioxide concentrations and stack gas volumetric flow rates shall be conducted during three 6-hour periods for each stack. Each 6-hour period will consist of three consecutive 2-hour periods. Measurements of emissions from all stacks on the smelter premises need not be conducted simultaneously. All tests must be completed within a 72-hour period.

(*d*) In using Method 8, traversing shall be conducted according to Method 1 as described in Part 60 of this chapter. The minimum sampling volume for each two hour test shall be 40 ft^3 corrected to standard conditions, dry basis.

(*e*) The volumetric flow rate of the total effluent from each stack evaluated shall be determined by using Method 2 as described in Part 60 of this chapter and by traversing according to Method 1. Gas analysis shall be performed by using the integrated sample technique of Method 3 as described in Part 69 of this chapter. Moisture content shall be determined by use of Method 4 as described in Part 60 of this chapter except that stack gases arising only from a sulfuric acid production unit may be considered to have zero moisture content.

(*f*) The gas sample shall be extracted at a rate proportional to the gas velocity at the sampling point.

(*g*) For each two hour test period, the sulfur dioxide emission rate for each stack shall be determined by multiplying the stack gas volumetric flow rate (ft^3/hr at standard conditions, dry basis) by the sulfur dioxide concentration (lb/ft^3 at standard conditions, dry basis). The emission rate in lbs/hr-maximum 6-hour average for each stack is determined by calculating the arithmetic average of the results of the three 2-hour tests.

(*h*) The sum total of sulfur dioxide emissions from the smelter premises in lbs/hr is determined by adding together the emission rates (lbs/hr) from all stacks equipped with the measurement system(s) required by paragraph (d)(4) of this section.

(e) *Alternate regulation for control of sulfur dioxide emissions* (*Nevada Intrastate Region*). (1) The owner or operator of the Kennecott Copper Company smelter located in White Pine County, Nevada, in the Nevada Intrastate Air Quality Control Region may apply to the Administrator for approval to meet the requirements of this paragraph. Upon such approval, granted pursuant to paragraph (e)(3) of this section, the requirements of paragraph (d) shall not be applicable during the period of such approval, and all requirements of this paragraph shall apply.

(2) All terms used in this paragraph but not specifically defined below shall have the meaning given them in the Act, Part 51 or § 52.01 of this chapter.

(i) The term "supplementary control system" means any system which limits the amount of pollutant emissions during periods when meteorological conditions conducive to ground-level concentrations in excess of national standards exist or are anticipated.

(ii) The term "ambient air quality violation" means any single ambient concentration of sulfur dioxide that exceeds any National Ambient Air Quality Standard for sulfur dioxide at any point in a designated liability area, as specified in paragraph (e)(8) of this section.

(iii) The term "isolated source" means a source that will assume legal responsibility for all violations of the applicable national standards in its designated liability area, as specified in paragraph (e)(8) of this section.

(iv) The term "designated liability area" means the geographic area within which emissions from a source may significantly affect the ambient air quality.

(3) (i) The application for permission to comply with this paragraph shall be submitted to the Administrator no later than sixty (60) days following the effective date of this paragraph and shall include the following:

(*a*) A short description of the type and location of the smelter; the process, equipment, raw materials and fuels used; the stacks employed; and emissions to the atmosphere from various points on the smelter premises.

(*b*) A general description and the location of other sources of air pollution and of the uses of land, and the topography in the vicinity of the smelter.

(*c*) A summary of all ambient air quality data in the vicinity of the smelter collected by or under contract to smelter.

(*d*) A description of the methods of constant emission reduction that are or will be applied and the degree of emission reduction achieved or expected due to their application.

(*e*) A description of the investigations that the owner or operator has made, and the results thereof, as to the availability of constant emission reduction methods that would meet the requirements of paragraph (d)(2) of this section and a discussion of the reasons why any potentially available methods cannot reasonably be used.

(*f*) A specific description of the research, investigations, or demonstrations that the owner or operator will conduct or support for the purpose of developing constant emission reduction technology applicable to the smelter. Such description shall include the resources to be committed, qualifications of the participants, a description of the facilities to be utilized and milestone dates.

(*g*) A detailed description of all other measures the owner or operator will apply, in addition to those described in paragraph (e)(3)(i)(*d*) of this section, to provide for attainment and maintenance of the air quality standards. These measures include but need not be limited to supplementary control systems, tall stacks and other dispersion techniques. Each measure to be applied shall be described in sufficient detail to allow the Administrator to determine its effectiveness in reducing ambient concentrations.

(*h*) A written commitment by the owner or operator of the source subject to this paragraph agreeing to assume liability for all violations of National Ambient Air Quality Standards within the designated liability area.

(*i*) Such other pertinent information as the Administrator may require.

(ii) Upon receipt of the information specified in paragraph (e)(3)(i) of this section, and after making a determination of its adequacy, the Administrator promptly shall, after thirty (30) days notice, conduct a public hearing on the application submitted by the owner or operator. The Administrator shall make available to the public the information contained in the application. Within thirty (30) days after the hearing, the Administrator shall notify the owner or operator of the smelter and other interested parties of his decision as to whether to grant or deny the application. If he denies the application, he will set forth his reasons. If he approves the application the owner or operator shall comply with all provisions of paragraph (e) of this section and need not comply with provisions of paragraph (d) of this section except as provided in paragraph (e)(16) of this section.

(iii) Approval of the application to abide by the provisions of paragraph (e) will be granted if it can be satisfactorily demonstrated to the Administrator that control measures in addition to the available constant emission controls are required and if the specific measures submitted pursuant to paragraph (e)(3)(i)(*g*) of this section will provide for the attainment and maintenance of the National Ambient Air Quality Standards.

(4) (i) The owner or operator of the smelter subject to this paragraph shall not discharge or cause the discharge of sulfur dioxide into the atmosphere in excess of:

(*a*) 2,600 parts per million-maximum 6-hour average, from any single absorption sulfuric acid producing facility designed for the removal of sulfur dioxide, as determined by the method specified in paragraph (e)(6) (i) or (iii) of this section, and

(*b*) 29,000 pounds per hour (13,154 kg/hr) maximum 6-hour average, as determined by the method specified in paragraph (e)(6) (ii) or (iv) of this section. Such limitation shall apply to the sum total of sulfur dioxide emissions from the smelter processing units and sulfur oxides control and removal equipment but not including uncaptured fugitive emissions and those emissions due solely to use of fuel for space heating or steam generation.

(ii) All emissions from the converters, with the exception of the uncaptured fugitive emissions, shall be processed through a facility for the removal of sulfur dioxide which meets the requirements of paragraph (e)(4)(i)(*a*) of this section.

(5) (i) The owner or operator of the smelter to which this paragraph is applicable shall install, calibrate, maintain and operate a measurement system(s) for continuously monitoring sulfur dioxide emissions and stack gas volumetric flow rates in each stack which emits 5 percent or more of the total potential (without emission controls) hourly sulfur oxide emissions from the source. For the purpose of this paragraph, "continuous monitoring" means the taking and recording of at least one measurement of sulfur dioxide concentration and stack gas flow rate reading from the effluent of each affected stack in each 15-minute period.

(ii) No later than the date specified in paragraph (e)(14)(i)(*b*)(*5*) of this section and at such other times in the future as the Administrator may reasonably specify, the sulfur dioxide concentration measurement system(s) installed and used pursuant to this paragraph shall be demonstrated to meet the measurement system performance specifications prescribed in Appendix D to this part.

(iii) No later than the date specified in paragraph (e)(14)(i)(*b*)(*5*) of this section and at such other times in the future as the Administrator may reasonably specify, the stack gas volumetric flow rate measurement system(s) installed and used pursuant to this paragraph shall be demonstrated to meet the measurement system performance specifications prescribed in Appendix E to this part.

(iv) The Administrator shall be notified at least 10 days in advance of the start of the field test period required in Appendices D and E to this part to afford the Administrator the opportunity to have an observer present.

(v) The sampling point for monitoring emissions shall be in the duct at the centroid of the cross section if the cross sectional area is less than 4.647 m^2 (50 ft^2) or at a point no closer to the wall than 0.914 m (3 ft) if the cross sectional area is 4.647 m^2 (50 ft^2) or more. The monitor sample point shall be an area of small spatial concentration gradient and shall be representative of the concentration in the duct.

(vi) The measurement system(s) installed and used pursuant to this section shall be subjected to the manufacturer's recommended zero adjustment and calibration procedures at least once per 24-hour operating period unless the manufacturer specifies or recommends calibration at shorter intervals, in which case such specifications or recommendations shall be followed. Records of these procedures shall be made which clearly show instrument readings before and after zero adjustment and calibration.

(vii) Six-hour average sulfur dioxide concentration and emission rates shall be calculated in accordance with paragraph (e)(6) of this section and recorded daily.

(viii) The owner or operator of the smelter subject to this paragraph shall maintain a record of all measurements required by this paragraph. Measurement results shall be expressed in the units prescribed by the emission limitations in paragraph (e)(4) of this section. Six-hour average values calculated pursuant to paragraphs (e)(6) (i) and (ii) of this section shall be reported as of each hour for the preceding six hours. The results shall be summarized monthly and shall be submitted to the Administrator within fifteen (15) days of the end of each month. A record of such measurements shall be retained for at least two years following the date of such measurements.

(6) (i) Compliance with the requirements of paragraph (e)(4)(i)(*a*) of this section shall be determined using the continuous measurements system(s) installed, calibrated, maintained and operated in accordance with the requirements of paragraph (e)(5) of this section. For the stack(s) equipped with the measurement system(s) required by paragraph (e)(5) of this section and serving the sulfur dioxide removal device a 6-hour average sulfur dioxide concentration shall be calculated as of the end of each clock hour for the preceding six hours, in the following manner:

(*a*) Divide each 6-hour period into twenty-four 15-minute segments.

(*b*) Determine on a compatible basis a sulfur dioxide concentration measurement for each 15-minute period. These measurements may be obtained either by continuous integration of all measurements (from the respective affected facility) recorded during the 15-minute period or from the arithmetic average of any number of sulfur dioxide concentration readings equally spaced over the 15-minute period. In the latter case, the same number of concentration readings shall be taken in each 15-minute period and the readings shall be similarly spaced within each 15-minute period.

(*c*) Calculate the arithmetic average of all 24 concentration measurements in each 6-hour period.

(ii) Compliance with the requirements of paragraph (e)(4)(i)(*b*) of this section shall be determined using the continuous measurement system(s) installed, calibrated, maintained and operated in accordance with the requirements of paragraph (e)(5) of this section. For all stacks equipped with the measurement system(s) required by paragraph (e)(5) of this section, a 6-hour average sulfur dioxide emission rate shall be calculated as of the end of each clock hour for the preceding six hours, in the following manner:

(*a*) Divide each 6-hour period into twenty-four 15-minute segments.

(*b*) Determine on a compatible basis a sulfur dioxide concentration and stack gas flow rate measurement for each 15-minute period for each affected stack. These measurements may be obtained either by continuous integration of sulfur dioxide concentrations and stack gas flow rate measurements (from the respective affected facilities) recorded during the 15-minute period or from the arithmetic average of any number of sulfur dioxide concentration and stack gas flow rate readings equally spaced over the 15-minute period. In the latter case, the same number of concentration readings shall be taken in each 15-minute period and the readings shall be similarly spaced within each 15-minute period.

(*c*) Calculate the arithmetic average (lbs SO_2/hr) of all 24 emission rate measurements in each 6-hour period for each stack.

(*d*) Total the average sulfur dioxide emission rates for all affected stacks.

(iii) Notwithstanding the requirements of paragraph (e)(6)(i) of this section, compliance with the requirements of paragraph (e)(4)(i)(*a*) of this section shall also be determined by using the methods described below at such times as may be specified by the Administrator. For each stack serving any process designed for the removal of sulfur dioxide a 6-hour average sulfur dioxide concentration shall be determined as follows:

(*a*) The test of each stack emission concentration shall be conducted while the processing units vented through such stack are operating at or above the maximum rate at which such will be operated and under such other conditions as the Administrator may specify.

(*b*) Concentrations of sulfur dioxide in emissions shall be determined by using Method 8 as described in Part 60 of this chapter. The analytical and computational portions of Method 8 as they relate to determination of sulfuric acid mist and sulfur trioxide as well as isokinetic sampling may be omitted from the over-all test procedure.

(*c*) Three independent sets of measurements of sulfur dioxide concentration shall be conducted during three 6-hour periods of each stack. Each 6-hour period will consist of three consecutive 2-hour periods. Measurements of emissions from all stacks on the smelter premises need not be conducted simultaneously. All tests must be completed within a 72-hour period.

(*d*) In using Method 8, traversing shall be conducted according to Method 1 as described in Part 60 of this chapter. The minimum sampling volume for each two hour test shall be 40 ft^3 corrected to standard conditions, dry basis.

(*e*) The velocity of the total effluent from each stack evaluated shall be determined by using Method 2 as described in Part 60 of this chapter and traversing according to Method 1. Gas analysis shall be performed by using the integrated sample technique of Method 3 as described in Part 60 of this chapter. Moisture content can be considered to be zero.

(*f*) The gas sample shall be extracted at a rate proportional to gas velocity at the sampling point.

(*g*) The sulfur dioxide concentration in parts per million-maximum 6-hour average for each stack is determined by calculating the arithmetic average of the results of the three 2-hour tests.

(iv) Notwithstanding the requirements of paragraph (e)(6)(ii) of this section, compliance with the requirements of paragraph (e)(4)(i)(*b*) of this section shall also be determined by using the methods described below at such times as may be specified by the Administrator. For all stacks equipped with the measurement system(s) required by paragraph (e)(5) of this section, a 6-hour average sulfur dioxide emission rate (lbs SO_2/hr) shall be determined as follows:

(*a*) The test of each stack emission rate shall be conducted while the processing units vented through such stack are operating at or above the maximum rate at which they will be operated and under such other conditions as the Administrator shall specify.

(*b*) Concentrations of sulfur dioxide in emissions shall be determined by using Method 8 as described in Part 60 of this chapter. The analytical, and computational portions of Method 8 as they relate to determination of sulfuric acid mist and sulfur trioxide as well as isokinetic sampling may be omitted from the over-all test procedure.

(*c*) Three independent sets of measurements of sulfur dioxide concentrations and stack gas volumetric flow rates shall be conducted during three consecutive 2-hour periods for each stack. Measurements need not necessarily be conducted simultaneously of emissions from all stacks on the smelter premises.

(*d*) In using Method 8, Traversing shall be conducted according to Method 1 as described in Part 60 of this chapter. The minimum sampling volume for each 2-hour test shall be 40 ft^3 corrected to standard conditions, dry basis.

(*e*) The volumetric flow rate of the total effluent from each stack evaluated shall be determined by using Method 2 as described in Part 60 of this chapter and by traversing according to Method 1. Gas analysis shall be performed by using the integrated sample technique of Method 3 as described in Part 60 of this chapter. Moisture content shall be determined by use of Method 4 as described in Part 60 of this chapter except that stack gases arising only from a sulfuric acid production unit may be considered to have zero moisture content.

(*f*) The gas sample shall be extracted at a rate proportional to the gas velocity at the sampling point.

(*g*) For each 2-hour test period, the sulfur dioxide emission rate for each stack shall be determined by multiplying the stack gas volumetric flow rate (ft^3/hr at standard conditions, dry basis) by the sulfur dioxide concentration (lb/ft^3 at standard conditions, dry basis). The emission rate in lbs/hr-maximum 6-hour average for each stack is determined by calculating the arithmetic average of the results of the three 2-hour tests.

(*h*) The sum total of sulfur dioxide emissions from the smelter premises in lbs/hr is determined by adding together the emission rates (lbs/hr) from all stacks equipped with the measurement system(s) required by paragraph (e)(5) of this section.

(7) The owner or operator of the smelter subject to this paragraph, in addition to meeting the emission limitation requirements of paragraph (e)(4) of this section, shall employ supplementary control systems and/or such additional control measures as may be necessary to assure the attainment and maintenance of the National Ambient Air Quality Standards for sulfur dioxide.

(i) Such measures will be limited to those specified in the application submitted pursuant to paragraph (e)(3)(i)(*g*) of this section.

(ii) Sulfur oxides emissions shall be curtailed whenever the potential for violating any National Ambient Air Quality Standard for sulfur dioxide is indicated at any point in a designated liability area by either of the following:

(*a*) Air quality measurement.

(*b*) Air quality prediction.

(8) (i) For the purposes of this paragraph the designated liability area shall be a circle with a radius of fifteen (15) statute miles (24 km) with the center point of such circle coinciding with the tallest stack serving the affected facility. The owner or operator of the smelter subject to this paragraph may submit a detailed report which justifies redefining the designated liability area specified by the Administrator. Such a justification shall be submitted with the application submitted pursuant to paragraph (e)(3)(i) of this section and shall describe and delineate the requested designated liability area and discuss in detail the method used and the factors taken into account in the development of such area. Upon receipt and evaluation of such report, and after the public hearing described in paragraph (e)(3)(ii) of this section, the Administrator shall issue his final determination.

(ii) If new information becomes available which demonstrates that the designated liability area should be redefined, the Administrator shall consider such and if appropriate, after notice and comment, redefine the designated liability area.

(9) (i) The owner or operator of the smelter subject to the paragraph shall submit with the application submitted pursuant to paragraph (e)(3)(i) of this section, a detailed plan for the establishment of a supplementary control system and/or such other measures as may be proposed. Such plan shall describe all air quality and emission monitoring and meteorological equipment to be used, including instruments installed pursuant to paragraph (e)(5) of this section for continuously monitoring and recording sulfur dioxide emissions and stack gas flow rate, the methods that will be used to determine emission rates to be achieved in association with various meteorological and air quality situations, and the general plan of investigations to be followed in developing the system and the operational manual.

(ii) Such plan shall include detailed specifications of any modifications to existing equipment including new stacks, stack extensions, stack heating systems or any process changes to be applied.

(iii) The monitoring described in the detailed plan submitted in accordance with this subparagraph and the appropriate recordkeeping requirements of paragraph (e)(12) of this section shall commence and become applicable as of the date specified in paragraph (e)(14)(i)(*b*)(*5*) of this section.

(10) The owner or operator of the smelter subject to this paragraph shall submit to the Administrator a comprehensive report of a study which demonstrates the capability of the supplementary control system, in conjunction with any other control measures, to reduce air pollution levels. The report shall describe a study conducted during a period of at least 120 days during which the supplementary control system was being developed and operated and shall be submitted no later than the date specified in paragraph (e)(14)(i)(*b*)(*6*) of this section. The report shall:

(i) Describe the emission monitoring system and the air quality monitoring network.

(ii) Describe the meteorological sensing network and the meteorological prediction program.

(iii) Identify the frequency, characteristics, times of occurrence and durations of meteorological conditions associated with high ground-level concentrations.

(iv) Describe the methodology (e.g., disperson modeling and measured air quality data) by which the source determines the degree of control needed under each meteorological situation.

(v) Describe the method chosen to vary the emission rate, the basis for the choice, and the time required to effect a sufficient reduction in the emission rate to avoid violations of National Ambient Air Quality Standards.

(vi) Contain an estimate of the frequency that emission rate reduction is required to prevent National Ambient Air Quality Standards from being exceeded and the basis for the estimate.

(vii) Include data and results of objective reliability tests. "Reliability," as the term is applied here, refers to the ability of the supplementary control system to protect against violations of the National Ambient Air Quality Standards.

(viii) Demonstrate that the supplementary control system and other measures expected to be employed after the date specified in paragraph (e)(14)(i)(*b*)(*6*) of this section will result in attainment and maintenance of National Ambient Air Quality Standards.

(11) The owner or operator of the smelter subject to this paragraph shall submit to the Administrator an operational manual for the supplementary control system. Such manual shall be submitted no later than the date specified in paragraph (e)(14)(i)(*b*)(*6*) of this section and is subject to the approval of the Administrator as satisfying the specific requirements of this paragraph. Such approval shall not relieve the owner or operator of the smelter subject to this paragraph from its assumed liability for violations of any National Ambient Air Quality Standards for sulfur oxides in the designated liability area. Prior to making his final decision, the Administrator shall, after reasonable notice, provide an opportunity of not less than forty-five (45) days for public inspection and comment upon the manual. Such manual shall:

(i) Specify the number, type, and location of ambient air quality monitors, instack monitors and meteorological instruments to be used.

(ii) Describe techniques, methods, and criteria to be used to anticipate the onset of meteorological situations associated with ground-level concentrations in excess of National Ambient Air Quality Standards and to systematically evaluate and, as needed, improve the reliability of the supplementary control system.

(iii) Describe the criteria and procedures that will be used to determine the degree of emission control needed for each class of meteorological and air quality situations.

(iv) Specify maximum emission rates which may prevail during all probable meteorological and air quality situations, which rates shall be such that National Ambient Air Quality Standards will not be exceeded in the designated liability area. Such emission rates shall be determined by in-stack monitors. Data from such monitors shall be the basis for determining whether the emission rate provisions of the approved operational manual are adhered to.

(v) Describe specific actions that will be taken to curtail emissions when various meteorological conditions described in paragraph (c)(11)(ii) of this section exist or are predicted and/or when specified air quality levels occur.

(vi) Identify the company personnel responsible for initiating and supervising the actions that will be taken to curtail emissions. Such personnel must be responsible, knowledgeable and able to apprise the Administrator of the status of the supplementary control system at any time the source is operating.

(vii) Be modified only if approval by the Administrator is first obtained.

(12) The owner or operator of the smelter subject to this paragraph shall:

(i) Maintain, in a usable manner, records of all measurements and reports prepared as part of the supplementary control system described in the approved operational manual. Such records shall be retained for at least two years.

(ii) Submit, on a monthly basis, the hour by hour measurements made of air quality, emissions and meteorological parameters, and all other measurements made on a periodic basis, as part of the approved supplementary control system.

(iii) Submit a monthly summary indicating all places, dates, and times when National Ambient Air Quality Standards for sulfur oxides were exceeded and the concentrations of sulfur dioxide at such times.

(iv) Notify the Administrator of any violation of National Ambient Air Quality Standards within 24 hours of the occurrence of such violation.

(v) Submit a monthly summary report describing and analyzing how the supplementary control system was operated as related to the approved operations manual and how the system will be improved, if necessary, to prevent violations of the National Ambient Air Quality Standards for sulfur oxides or to prevent any other conditions which are not in accordance with the approved operational manual.

(13) (i) The owner or operator of the smelter subject to this paragraph shall participate in a research program to develop and apply constant emission reduction technology adequate to attain and maintain the national standards. Such program shall be carried out in accordance with the plan submitted pursuant to paragraph (e)(3)(i)(*f*) of this section.

(ii) The owner or operator of the smelter subject to this paragraph shall submit annual reports on the progress of the research and development program required by paragraph (e)(13)(i) of this section. Each report shall also include, but not be limited to, a description of the projects underway, information on the qualifications of the personnel involved, information on the funds and personnel that have been committed, and an estimated date for the installation of the constant emission reduction technology necessary to attain and maintain the National Ambient Air Quality Standards.

(14) (i) The owner or operator of the smelter subject to this paragraph shall comply with the compliance schedules specified below.

(*a*) Compliance schedule for meeting the emission reduction requirements of paragraph (e)(4) of this section:

(*1*) No later than thirty (30) days after the date of approval to meet the requirements of this paragraph—submit a final plan and schedule to the Administrator for meeting the requirements of paragraph (e)(4) of this section.

(*2*) No later than thirty (30) days after the date of approval to meet the requirements of this paragraph—let contracts or issue purchase order for emission control systems or process modifications or provide evidence that such contracts have been let.

(*3*) July 1, 1975. Initiate on-site construction or installation of emission control equipment or process change.

(*4*) July 1, 1976. Complete on-site construction or installation of constant emission control equipment or process change.

(*5*) January 1, 1977. Achieve final compliance with the requirements of paragraph (*4*) of this paragraph (e)(14)(i)(*a*).

(*b*) Compliance schedule for implementing a supplementary control system or other measures which meet the requirements of paragraphs (e)(7), (9), (10), and (11) of this section.

(*1*) No later than sixty (60) days after approval to meet the requirements of this paragraph—submit to the Administrator a detailed schedule for establishment and implementation of the supplementary control system and other measures in accordance with paragraph (e)(9) of this section.

(*2*) No later than ninety (90) days after approval to meet the requirements of this paragraph—let contracts or issue purchase orders, or provide evidence that such contracts have been let, for ambient air quality monitors, meteorological instruments, and other component parts necessary to establish a supplementary control system.

(*3*) No later than ninety (90) days after approval to meet the requirements of this paragraph—let contracts or issue purchase orders, or provide evidence that such contracts have been let, for any stack extensions or modifications of equipment approved pursuant to paragraph (e)(3) of this section.

(*4*) November 1, 1975. Complete installation of air quality and emission monitors and meteorological equipment.

(*5*) January 1, 1976. Complete installation of any stack extensions or modifications of equipment approved pursuant to paragraph (e)(3) of this section.

(*6*) May 1, 1976. Submit to the Administrator the comprehensive report on the supplementary control system required by paragraph (e)(10) of this section, and submit to the Administrator for his approval the operational manual required by paragraph (e)(11) of this section.

(*7*) January 1, 1977. The National Ambient Air Quality Standards for sulfur dioxide shall not be violated in the designated liability area.

(ii) Any owner or operator subject to the requirements of this subparagraph shall certify to the Administrator within five (5) days after the deadline for each increment of progress whether or not the required increment of progress has been met.

(iii) Notice must be given to the Administrator at least ten (10) days prior to conducting a performance test to afford him the opportunity to have an observer present.

(iv) If the source subject to this paragraph is presently in compliance with any of the increments of progress set forth in this paragraph, the owner or operator of such source shall certify such compliance to the Administrator within thirty (30) days of the effective date of this paragraph. The Administrator may request whatever supporting information he considers necessary to determine the validity of the certification.

(v) The owner or operator of the smelter subject to this paragraph may submit to the Administrator proposed alternative compliance schedules. Each such proposed compliance schedule shall be submitted with the application submitted pursuant to paragraph (e)(3)(i) of this section. No such compliance schedule may provide for final compliance after January 1, 1977. If approved by the Administrator, such schedule shall replace the compliance schedule set forth in this paragraph.

(vi) Any such compliance schedule submitted to the Administrator shall provide for increments of progress toward compliance. The dates for achievement of such increments of progress shall be specified. Increments of progress shall include, but not be limited to, the increments specified in the appropriate compliance schedule set forth in paragraphs (e)(14)(i) (*a*) and (*b*) of this section.

(15) (i) The Administrator shall annually review the supplementary control system and shall deny continued use of the supplementary control system if he determines that:

(*a*) The review indicates that constant emission control technology has become available or that other factors which may bear on the conditions for use of a supplementary control system have changed to the extent that continued use of the supplementary control system would no longer be deemed approvable within the intent of paragraph (e)(3) of this section; or

(*b*) The source owner or operator has not demonstrated good faith efforts to follow the stated program for developing constant emission reduction procedures; or

(*c*) The source owner or operator has not developed and employed a control program that is effective in preventing violations of National Ambient Air Quality Standards.

(ii) Prior to denying the continued use of a supplementary control system pursuant to paragraph (e)(15)(i) of this section, the Administrator shall notify the owner or operator of the smelter subject to this paragraph of his intent to deny such continued use, together with:

(*a*) The information and findings on which such intended denial is based.

(*b*) Notice of opportunity for such owner or operator to present, within thirty (30) days, additional information or arguments to the Administrator prior to his final determination.

(iii) The Administrator shall notify the owner or operator of the smelter subject to this paragraph of his final determination within thirty (30) days after the presentation of additional information or arguments, or thirty (30) days after the final date specified for such presentation if no presentation is made. If the continued use of the supplementary control system is denied, the final determination shall set forth the specific grounds for such denial.

(16) Upon denial of the continued use of a supplementary control system pursuant to paragraph (e)(15) of this section all the requirements of paragraph (d) of this section shall be immediately applicable to the owner or operator of the Kennecott Copper Company smelter located in White Pine County, Nevada, in the Nevada Intrastate Region and compliance therewith shall be achieved in accordance with such schedule as the Administrator shall order.

(17) The owner or operator of the smelter subject to this paragraph shall be in violation of a requirement of an applicable implementation plan and subject to the penalties specified in Section 113 of the Clean Air Act if:

(i) An increment of the compliance schedules set forth in paragraph (e)(14) of this section is not met by the date specified; or

(ii) The total sulfur dioxide concentration determined according to paragraph (e)(6) (i) or (iii) of this section exceeds the emission limitation set forth in paragraph (e)(4)(i)(*a*) of this section; or

(iii) The total sulfur dioxide emission rate determined according to paragraph (e)(6) (ii) or (iv) of this section exceeds the emission limitation set forth in paragraph (e)(4)(i)(*b*) of this section; or

(iv) Any National Ambient Air Quality Standards for sulfur oxides are violated in the designated liability area; or

(v) Operations of the supplementary control system are not conducted in accordance with the approved operational manual; or

(vi) Such owner or operator fails to submit any of the information required by this paragraph.

[40 FR 5511, Feb. 6, 1975]

§ 52.1476 Control strategy: Particulate matter.

(a) The requirements of § 51.13 of this chapter are not met since the plan does not provide for the attainment and maintenance of the national standards for particulate matter in the Northwest Nevada and Nevada Intrastate Regions.

(b) The following rule and portions of the control strategy are disapproved since they do not provide the degree of control needed to attain and maintain the National Ambient Air Quality Standards for particulate matter.

(1) NAQR Article 7.2.7, *Particulate Matter;* Table 4.2, *Emissions Inventory Summary for Particulates* and Table 5.2, *Summary of Control Strategy Analysis for Particulates,* from the Nevada Control Strategy, submitted on October 7, 1976.

(c) The following rules are disapproved because they relax the emission limitation on particulate matter.

(1) Clark County District Board of Health, Table 27.1, (Particulate Matter from Process Matter), submitted on July 24, 1979.

(2) Nevada Air Quality Regulations, Article 4, Rule 4.34, (Visible Emission from Stationary Sources), submitted on December 29, 1978, and Rule 4.3.6, (Visible Emission from Stationary Sources), submitted on June 24, 1980.

(Secs. 110 and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410 and 7601(a)))

[37 FR 10877, May 31, 1972, as amended at 45 FR 8011, Feb. 6, 1980; 46 FR 43142, Aug. 27, 1981]

§ 52.1477 Nevada air pollution emergency plan.

Section 6.1.5 of the Emergency Episode Plan submitted on December 29, 1978 is disapproved since termination of the episode is left to the discretion of the Control Officer and not specified criteria and it does not meet the requirements of 40 CFR 51.16 and Appendix L. The old rule 6.1.5 submitted on January 28, 1972 is retained.

(Secs. 110 and 301(a) of the Clean Air Act as amended (42 U.S.C. 7410 and 7601(a)))

[45 FR 46385, July 10, 1980]

§ 52.1478 Rules and regulations.

(a) The following rules are disapproved because they lack adequate provisions to assure that the NAAQS will not be exceeded while equipment breakdown periods are in effect.

(1) Clark County District Board of Health.

(i) Rule 25.1, (Upset, Breakdown or Scheduled Maintenance), submitted on July 24, 1979, and previously approved Rule 12, (Upset, Breakdown or Scheduled Maintenance), submitted on January 19, 1973.

(Secs. 110, 301(a), Clean Air Act as amended (42 U.S.C. 7410 and 7601(a)))

[46 FR 43142, Aug. 27, 1981]

§ 52.1479 Source surveillance.

(a) The requirements of § 51.19(a) of this chapter are not met, except in Clark County, since the plan does not provide adequate legally enforceable procedures for requiring owners or operators of stationary sources to maintain records of, and periodically report, information on the nature and amount of emissions.

(b) The requirements of § 51.19(e) of this chapter are not met since the plan does not provide adequate legally enforceable procedures to require stationary sources subject to emission standards to submit information relating to emissions and operation of the emission monitors to the State as specified in Appendix P of Part 51.

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410 and 7601(a)))

[37 FR 10878, May 31, 1972, as amended at 38 FR 12709, May 14, 1973; 40 FR 55331, Nov. 28, 1975; 43 FR 36933, Aug. 21, 1978]

§ 52.1480 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Nevada's plan, except where noted.

Air quality control region and nonattainment area	Pollutant						
	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Las Vegas Intrastate	e	e	a	a	c	f	e
Northwest Nevada Intrastate:							
Tahoe Basin	July 1975	July 1977	c	c	c	e	c
Ernley Area	e	e	c	c	c	c	d
Truckee Meadows	e	e	c	c	c	f	f
Mason Valley	e	e	c	c	c	c	c
Remainder of Intrastate	July 1975	July 1977	c	c	c	c	c
Nevada Intrastate:							
Carson Desert	e	e	b	b	c	c	c
Winnemucca Segment	e	e	b	b	c	c	c
Lower Reese River Valley	e	e	b	b	c	c	c
Clovers Area	e	e	b	b	c	c	c
Remainder of Intrastate	July 1975	July 1977	b	b	c	c	c

NOTE 1: Dates or footnotes which are italicized are prescribed by the Administrator because the plan does not provide a specific date or the date provided is not acceptable.

NOTE 2: Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.1480 (1980).

a. July 1975.

b. July 1977, except that in the event the source subject to § 52.1475(d) is granted permission to comply with § 52.1475(e) the attainment date for the national primary and secondary standards shall be January 1, 1977.

c. Air quality levels presently below secondary standards.

d. Transportation and/or land use measures will be proposed by the Administrator no later than February 15, 1973.

e. December 31, 1982.

f. December 31, 1987.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501 to 7508, and 7601(a)))

[37 FR 15086, July 27, 1972, as amended at 40 FR 5517, Feb. 6, 1975; 46 FR 21767, Apr. 14, 1981; 46 FR 45607, Sept. 14, 1981; 47 FR 27070, June 23, 1982]

§ 52.1481 Extensions.

(a) The Administrator hereby extends to July 31, 1977, the attainment date for the primary standards of sulfur oxides in the Nevada Intrastate Air Quality Control Region. In the event that the source subject to § 52.1475(d) is granted permission to comply with § 52.1475(e) the attainment date for the primary standards for sulfur oxides in the Nevada Intrastate Air Quality Control Region shall be extended only to January 1, 1977.

(b) The Administrator hereby extends to December 31, 1982 certain attainment dates for the National standards for carbon monoxide (CO), ozone (O_3), and total suspended particulates (TSP) in the following areas:

(1) Truckee Meadows for CO and TSP.

(2) Las Vegas Valley for O_3 and TSP.

(3) Mason Valley/Fernley Area for TSP.

(4) Lower Reese River Valley/Clovers Area for TSP.

(5) Carson Desert for TSP.

(6) Winnemucca Segment for TSP.

(7) Lake Tahoe Basin for CO.

(c) The Administrator hereby extends to December 31, 1987 certain attainment dates for the national standards for CO and O_3 in the following areas;

(1) Truckee Meadows for CO and O_3

(2) Las Vegas Valley for CO.

(Secs. 110, 129, 171 to 178, and 301(a) of the Clean Air Act, as amended (42 U.S.C. 7410, 7429, 7501 to 7508, and 7601(a)))

[46 FR 21767, Apr. 14, 1981, as amended at 46 FR 45607, Sept. 14, 1981; 47 FR 27070, June 23, 1982]

§ 52.1482 Compliance schedules.

(a) [Reserved]

(b) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the state, unless otherwise noted.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Morrison & Weatherly Chemicals, Inc.	McGill	Article 4 Article 7	Feb. 13, 1973	Immediately	Mar. 31, 1974.
Eagle-Picher Industries	Colado & Clark	Article 4 Article 7	do	do	May 31, 1975.
U.S. Gypsum Corp	Empire	Washoe Co. § 040.005, § 040.010, § 040.020.	Jan. 30, 1974	do	May 30, 1975.
Baroid Division National Lead Industries, Inc.	Battle Mountain	Article 4	Jan. 27, 1973	do	Jan. 1, 1975.

(c) The compliance schedule revisions submitted for the sources identified below are disapproved as not meeting the requirement of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	Regulation involved	Date of adoption
Jack N. Tedford, Inc.	Fallon	Not given	Aug. 14, 1972.
Basic, Inc	Gabbs	Article 4 Article 7	Feb. 13, 1973. June 26, 1973.
Duval Corp	Battle Mountain	Article 5	Feb. 13, 1973.
Mohave Generating Station, Southern California Edison Co.	Laughlin	Clark County, Section 16. Section 26	Jan. 11, 1973. July 17, 1973.

[39 FR 14209, Apr. 22, 1974, as amended at 40 FR 3995, Jan. 27, 1975]

§§ 52.1483—52.1484 [Reserved]

§ 52.1485 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan, except as it applies to the Clark County Health District, does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulation for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are incorporated and made a part of the applicable State plan for the State of Nevada except for that portion applicable to the Clark County Health District.

(Secs. 110, 129, 160 to 169, 171 to 173 and 301(a) of the Clean Air Act as amended (42 U.S.C. 7410 7429, 7470 to 7479, 7501 to 7503, and 7601(a)))

[47 FR 26621, June 21, 1982]

§ 52.1486 Control strategy: Hydrocarbons and ozone.

(a) The requirements of § 51.14 of this chapter are not met since the plan does not provide for the attainment and maintenance of the national standard for ozone in the Las Vegas Intrastate Region (§ 81.80 of this chapter).

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7601(a)))

[45 FR 67347, Oct. 10, 1980]

§ 52.1487 Public hearings.

(a) The requirements of § 51.4(a)(2) of this chapter are not met since NAQR, Article 2.11.4.2 allows variances (compliance schedules), to be renewed without a public hearing, thus allowing further postponement of the final compliance date for sources whose emissions contribute to violations of the national standards. Therefore, NAQR, Article 2.11.4.2 is disapproved.

[43 FR 1343, Jan. 24, 1978]

Subpart EE—New Hampshire

§ 52.1520 Identification of plan.

(a) Title of plan: "State of New Hampshire Implementation Plan."

(b) The plan was officially submitted on January 27, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Miscellaneous non-regulatory additions to the plan correcting minor deficiencies submitted on February 23, 1972, by the New Hampshire Air Pollution Control Agency.

(2) Non-regulatory provisions for retention and availability of air quality data submitted on March 23, 1972, by the New Hampshire Air Pollution Control Agency.

(3) Attainment dates of national primary and secondary air quality standards submitted on August 8, 1972, by the New Hampshire Air Pollution Control Agency.

(4) Revision of regulation No. 5, Section 111.A, limiting sulfur content of fuels submitted on September 26, 1972, by the New Hampshire Air Pollution Control Agency.

(5) Compliance schedules submitted on February 14, 1973, by the New Hampshire Air Pollution Control Agency.

(6) Compliance schedules submitted on March 22, 1973, by the New Hampshire Air Pollution Control Agency.

(7) Revision exempting steam locomotives from the plan submitted on April 3, 1973, by the New Hampshire Air Pollution Control Agency.

(8) Regulation No. 20 requiring review of indirect sources submitted on December 13, 1973, by New Hampshire Air Pollution Control Agency.

(9) AQMA identification material submitted on May 20, 1974, by the New Hampshire Air Pollution Control Agency.

(10) Miscellaneous revisions to Regulation numbers, 4, 6, 8, 10, 11, 13, 14, and 17 submitted on June 6, 1974, by the New Hampshire Air Pollution Control Agency.

(11) Revision to Regulation 18, "Requirements for Recordkeeping at Facilities which Discharge Air Contaminants," submitted on May 28, 1975, by the New Hampshire Air Pollution Control Agency.

(12) Attainment plans to meet the requirements of Part D for carbon monoxide for Metropolitan Manchester and ozone for AQCR 121, programs for the review of construction and op-

eration of new and modified major stationary sources of pollution in both attainment and non-attainment areas and certain miscellaneous provisions were submitted on May 29, 1979, November 6, 1979, and March 17, 1980.

(13) Attainment plans to meet the requirements of Part D for total suspended particulates and sulfur dioxide in Berlin were submitted by the Governor of New Hampshire on September 19, 1979.

(14) Revisions to Regulation 5, Prevention, Abatement, and Control of Sulfur Emission from Stationary Combustion Equipment, submitted by the Governor of New Hampshire on July 12, 1973 and April 11, 1975.

(15) A plan to provide comprehensive public participation and an analysis of the effects of the New Hampshire 1979 SIP revisions were submitted on February 28, 1980.

(16) Revised regulations to assure reasonable further progress and compliance by owners of proposed new sources with federal as well as state regulations were submitted on July 8, 1980.

(17) A comprehensive air quality monitoring plan, intended to meet requirements of 40 CFR Part 58, was submitted by the New Hampshire Air Resource Agency Director on January 30, 1980.

(18) A plan to attain and maintain the National Ambient Air Quality Standard for lead and to amend the state's air quality standards was submitted on April 15, 1980. A letter further explaining the state procedures for review of new major sources of lead emissions and confirming the use of reference methods was submitted on December 9, 1980 by the Director of the Air Resources Agency.

(19) Revisions to meet the requirements of Part D and certain other sections of the Clean Air Act, as amended, for attaining carbon monoxide standards in the City of Manchester which were submitted on January 12, 1981 and February 18, 1981. The revisions supplement the 1979 CO attainment plan (§ 52.1520(c)(12)) and include three air quality-improving transportation projects and a schedule for submitting a plan which will demonstrate attainment by no later than December 31, 1987.

(20) Revisions to meet the requirements of Part D for the Ozone Control Plan were submitted on May 2, 1980; May 16, 1980; November 20, 1981 and January 8, 1982. Included are operating permits with compliance schedules for: ATC Petroleum, Inc., Markem Corporation, Mobil Oil Corporation, Oak Materials Group, Velcro USA, Inc., and Nashua Corporation's Nashua facility.

(Secs. 110(a), 172, 176(a), 301, and 316 of the Clean Air Act, as amended (42 U.S.C. 7401, 7410(a) and 7601))

[37 FR 10879, May 31, 1972]

Editorial Note: For Federal Register citations to § 52.1520, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Effective Date Note: At 47 FR 24554, June 7, 1982, paragraph (c)(20) was added to § 52.1520, effective August 6, 1982.

§ 52.1521 Classification of regions.

The New Hampshire plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Androscoggin Valley Interstate	IA	IA	III	III	III
Central New Hampshire Intrastate	III	III	III	III	III
Merrimack Valley-Southern New Hampshire Interstate	I	I	III	III	III

[37 FR 10879, May 31, 1972, as amended at 45 FR 24876, Apr. 11, 1980]

§ 52.1522 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves New Hampshire's plan as identified in § 52.1520 of this subpart for the attainment and maintenance of the national standards under Section 110 of the Clean Air Act. Furthermore, the Administrator finds the plans satisfy all requirements of Part D, Title I of the Clean Air Act as amended in 1977, except as noted below.

(b) To insure federal approval of State issued new source review permits pursuant to Section 173 of the Clean Air Act, the provisions of Section V of the emission offset interpretative rule published January 16, 1979, (44 FR 3274) must be met.

(c) In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January, 1978 and January, 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

[45 FR 24876, Apr. 11, 1980]

§ 52.1523 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in New Hampshire's plan.

Nonattainment areas [1]	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Androscoggin Valley Interstate AQCR 107:							
Berlin	f	f	f	f	a	a	a
Remainder of AQCR	a	b	a	b	a	a	a
Merrimack Valley-SO NH Interstate 121:							
Keene	a	b	a	b	a	a	d
Manchester	a	c	a	b	a	d	d
Nashua	a	b	a	b	a	e	d
Remainder of AQCR	a	b	a	b	a	a	d
AQCR 149	a	b	a	b	a	a	a

a. Air quality level presently below primary standards or area is unclassifiable.

b. Air quality level presently below secondary standards or area is unclassifiable.

c. Eighteen month extension for plan submittal granted; attainment date not yet proposed.

d. December 31, 1982.

e. Redesignation to non-attainment. Nine months granted for submission of an attainment plan; attainment date not yet proposed.

f. December 31, 1981.

[1] Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.1523 (1978).

[45 FR 24876, Apr. 11, 1980, as amended at 45 FR 41943, June 23, 1980]

§ 52.1524 Compliance schedules.

(a) Compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Brown Co	Berlin	No. 5	Sept. 22, 1972	Immediately	Sept. 30, 1973.
Groveton Papers Co	Groveton	do	do	do	Do.
Yield House, Inc	North Conway	No. 7	May 14, 1973	do	Jan. 31, 1974.
Newman Lumber Co	Woodsville, N.H	do	May 15, 1973	do	July 1, 1973.
Milan Industries, Inc	Berlin, N.H	do	do	do	July 1, 1974.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Northeast Hardwoods Co	North Haverhill, N.H.	do	May 14, 1973	do	Apr. 1, 1974.
Conway Supply Co	Conway, N.H	do	do	do	Nov. 15, 1974.
Manchester Incinerator	Manchester, N.H.	No. 6	do	do	Jan. 1, 1974.

(b) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(c) The compliance schedules for the sources identified below are disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	Regulation involved	Date of adoption
Brown Co	Berlin, N.H	No. 15	May 14, 1973.

(d) *Federal compliance schedules.* The compliance schedules for the sources identified below are promulgated herein in satisfaction of the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	Regulation involved	Effective date	Final compliance date
Brown Co.:				
(a) No. 11 Kraft recovery	Berlin, N.H.	15	Immediately	Jan. 1973.
(b) No. 11 Kraft recovery	do	15	do	Jan. 1974.
(c) No. 8 Kraft recovery boiler main stack	do	15	do	July 1974.
(d) No. 8 Kraft recovery smelt tank vent	do	15	do	Dec. 1974.
(e) Heavy black liquor oxidation	do	15	do	June 1974.
(f) No. 1 lime kiln stack	do	15	do	Jan. 1973.
(g) No. 2 lime kiln stack	do	15	do	Dec. 1974.

[38 FR 12713, May 14, 1973, as amended at 38 FR 16145, June 20, 1973; 38 FR 22744, Aug. 23, 1973]

§ 52.1525 [Reserved]

§ 52.1526 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met, since New Hampshire Air Pollution Control Regulation number 18, section III.D could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, section III.D is disapproved.

[39 FR 34537, Sept. 26, 1974]

§ 52.1527 Rules and regulations.

(a) *Part D—conditional approval*—The May 29, 1979 revisions are approved as satisfying Part D requirements under the following conditions:

(1) [Reserved]

(2) Submittal by April 15, 1980 of operating permits containing compliance schedules, and supporting information for each existing VOC source in AQCR 121.

(3) Submittal by July 1, 1980 of a regulation governing construction and operation of major new or modified sources which satisfies the requirements of § 52.1525(a) of Title 40 of the Code of Federal Regulations.

(b) *Non-Part D—No Action*—EPA is neither approving or disapproving the following elements of the revisions:

(1) Intergovernmental consultation.

(2) Permit fees.

(3) Stack height requirements.

(4) Public notification.

(5) Conflict of interest.

(Sec. 110(a), 301, Clean Air Act, as amended (42 U.S.C. 7401 and 7601))

[45 FR 24876, Apr. 11, 1980, as amended at 45 FR 59314, Sept. 9, 1980; 45 FR 83228, Dec. 18, 1980; 47 FR 764, Jan. 7, 1982]

§ 52.1528 Maintenance of national standards.

(a) Based upon information submitted by the State of New Hampshire, the Administrator does not identify any areas pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of national ambient air quality standards within 10 years.

[40 FR 23755, June 2, 1975]

§ 52.1529 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of New Hampshire.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.1530 Extensions.

The Administrator hereby extends for 18 months (until July 1, 1980) the statutory time table for submission of New Hampshire's plan for attainment and maintenance of the secondary standard for particulate matter in the Manchester secondary standard nonattainment area (See 40 CFR 81.330).

[45 FR 24876, Apr. 11, 1980]

§ 52.1531 Control strategy: Sulfur oxides.

Revisions to Regulation 5, limiting the sulfur content of fuels, submitted on July 12, 1973 and April 11, 1975, are approved only with respect to the Berlin-Gorham Division of the Brown Company, headquartered in Berlin, NH. The revisions as they apply to other sources in New Hampshire remain under consideration and are neither approved nor disapproved.

[45 FR 41943, June 23, 1980]

Subpart FF—New Jersey

§ 52.1570 Identification of plan.

(a) Title of plan: "New Jersey State Implementation Plan to meet National Air Quality Standards."

(b) The plan was officially submitted on January 26, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Miscellaneous non-regulatory additions to the plan submitted on April 17, 1972, by the New Jersey Department of Environmental Protection.

(2) List of permits issued to sources allowing them particulate emissions in excess of 25 tons per year submitted on May 15, 1972, by the New Jersey Department of Environmental Protection.

(3) Legal opinion of State Attorney General on State's authority to make available to the public emission data reported by sources submitted on June 23, 1972, by the New Jersey Department of Law and Public Safety.

(4) Copies of the permits and certificates issued to sources exceeding 25 tons per year of particulate emissions submitted on July 6, 1972, by the New Jersey Department of Environmental Protection.

(5) Revisions correcting deficiencies in the new source review procedure submitted on March 22, 1973, by the Governor.

(6) Legal opinion of the State Attorney General on the State's authority to deny a permit to construct or modify a source submitted on April 18, 1973, by the New Jersey Department of Environmental Protection.

(7) Revision to sulfur-in-fuel regulation, section 7:1-3.1 of New Jersey Air Pollution Control Code, submitted on November 20, 1973, by the New Jersey Department of Environmental Protection.

(8) Revision to the control of open burning regulation, section 7:27-2.1 of the New Jersey Air Pollution Control Code, submitted on November 19,

1975, by the New Jersey Department of Environmental Protection.

(9) Letter, dated January 16, 1976, from the New Jersey Department of Environmental Protection stating that there would be no net increase in hydrocarbon emissions as a result of the revisions to N.J.A.C. 7:27-2.1.

(10) Regulation entitled: "Control and Prohibition of Air Pollution by Volatile Organic Substances," New Jersey Administrative Code (N.J.A.C.) 7:27-16.1 et seq., submitted on January 8, 1976 by the New Jersey Department of Environmental Protection.

(11) Technical justification supporting N.J.A.C. 7:27-16 et seq. submitted on March 3, 1976.

(12) Revisions consisting of 16 administrative orders issued pursuant to the New Jersey Administrative Code (N.J.A.C.) 7:27-9.5(a) and technical support for these orders received on April 27, 1976 from the New Jersey Department of Environmental Protection.

(13) An administrative order directed to Hunt-Wesson Foods, Inc. in Bridgeton, Cumberland County and issued pursuant to the New Jersey Administrative Code (N.J.A.C.) 7:27-9.5(a), dated June 15, 1976, and technical support for this order received by EPA on April 27, 1976, both from the New Jersey Department of Environmental Protection.

(14) Revision to the Permits and Certificates regulation of the New Jersey Air Pollution Control Code, N.J.A.C. 7:27-8.1 et seq., submitted on June 8, 1976 by the New Jersey Department of Environmental Protection.

(15) Revision consisting of an administrative order issued on September 14, 1976 to Owens Illinois, Inc., Cumberland County, New Jersey pursuant to the New Jersey Administrative Code (N.J.A.C.) 7:27-9.5(a) and submitted on September 17, 1976 by the New Jersey Department of Environmental Protection.

(16) A revision submitted by the New Jersey Department of Environmental Protection consisting of an October 27, 1976 letter indicating the extension, to July 12, 1977, of "variances" to the provisions of the New Jersey Administrative Code (N.J.A.C.) 7:27-9.1 et seq., Sulfur in Fuel, for 18 facilities; and supplemental technical information submitted in a November 22, 1976 letter. The extended "variances" including all their terms and conditions are made a part of the New Jersey State Implementation Plan. The facilities affected by these "variances", their location and applicable sulfur in fuel oil limitation until July 12, 1977 are as follows:

Source	Location	Sulfur in fuel oil limitation (percent by weight)
National Bottle Corp	Salem City, Salem County.	2.0
E. I. du Pont de Nemours & Co.	Deepwater, Salem County.	1.5
Heinz-USA	Salem City, Salem County.	2.0
B. F. Goodrich Chemical Co.	Pedricktown, Salem County.	1.5
Anchor Hocking Corp	Salem City, Salem County.	2.0
Atlantic City Electric Deepwater Station.	Penns Grove, Salem County.	1.5
E. I. du Pont de Nemours & Co.	Carney's Point, Salem County.	1.5
Mannington Mills, Inc	Salem City, Salem County.	2.0
Atlantic City Electric B. L. England Station.	Beesley Point, Cape May County.	2.0
Hunt Wesson Foods, Inc.	Bridgeton City, Cumberland County.	2.5
Kerr Glass Manufacturing Corp.	Millville City, Cumberland County.	2.5
Owens Illinois, Inc., Kimble Products Division.	Vineland City, Cumberland County.	2.5
Leone Industries	Bridgeton City, Cumberland County.	2.5
Owens Illinois, Inc	do	1.5
Progresso Food Corp	Vineland City, Cumberland County.	2.5
Bridgeton Dying & Finishing Corp.	Bridgeton City, Cumberland County.	2.5
Whitehead Bros. Co	Haleyville, Cumberland County.	2.5
Vineland Chemical Co	Vineland City, Cumberland County.	2.5

(17) A revision submitted by the New Jersey Department of Environmental Protection consisting of a January 10, 1978 letter indicating the extension, to July 12, 1978, of "variances" to the provisions of the New Jersey Administrative Code (N.J.A.C.) 7:27—9.1 et seq., Sulfur in Fuel, for 17 facilities and accompanying supplemental information. The extended "variances" including all their terms and conditions

are made a part of the New Jersey State implementation plan. The facilities affected by these "variances," their locations, and applicable sulfur-in-fuel-oil limitations until July 12, 1978 are as follows:

Source	Location	Sulfur in fuel oil limitation (percent by weight)
National Bottle Corp	Salem City, Salem County.	2.0
E. I. du Pont de Nemours & Co.	Deepwater, Salem County.	1.5
Heinz-U.S.A	Salem City, Salem County.	2.0
B. F. Goodrich Chemical Co.	Pedricktown, Salem County.	1.5
Anchor Hocking Corp	Salem City, Salem County.	2.0
Atlantic City Electric, Deepwater Station.	Penns Grove, Salem County.	1.5
E. I. du Pont de Nemours & Co.	Carney's Point, Salem County.	1.5
Mannington Mills, Inc	Salem City, Salem County.	2.0
Atlantic City Electric, B. L. England Station.	Beesley Point, Cape May County.	2.0
Kerr Glass Manufacturing Corp.	Millville City, Cumberland County.	2.5
Owens Illinois, Inc., Kimble Products Division.	Vineland City, Cumberland County.	2.5
Leone Industries	Bridgeton, Cumberland County.	2.5
Progresso Food Corp	Vineland City, Cumberland County.	2.5
Bridgeton Dyeing & Finishing Corp.	Bridgeton City, Cumberland County.	2.5
Vineland Chemical Co	Vineland City, Cumberland County.	2.5
Hunt-Wesson Foods, Inc.	Bridgeton, Cumberland County.	2.5
Owens Illinois, Inc	......do	1.5

(18) A revision submitted by the New Jersey Department of Environmental Protection consisting of a June 26, 1978 letter indicating the extension, to January 12, 1979 or until such time as the State places into effect revised permanent sulfur-in-fuel-oil regulations, of "variances" to the provisions of the New Jersey Administrative Code (N.J.A.C.) 7:27-9.1 *et seq.*, *Sulfur in Fuel*, for 17 facilities and accompanying supplemental information. The extended "variances" including all their terms and conditions are made a part of the New Jersey State Implementation Plan. The facilities affected by these "variances", their locations, and applicable sulfur-in-fuel-oil limitations until January 12, 1979 or until such time as the State places into effect and EPA approves revised permanent sulfur-in-fuel-oil regulations are as follow:

Source	Location	Sulfur in fuel oil limitation (percent by weight)
National Bottle Corp	Salem City, Salem County.	2.0
E. I. du Pont de Nemours & Co.	Deepwater, Salem County.	1.5
Heinz—U.S.A	Salem City, Salem County.	2.0
B. F. Goodrich Chemical Co.	Pedricktown, Salem County.	1.5
Anchor Hocking Corp	Salem City, Salem County.	2.0
Atlantic City Electric, Deepwater Station.	Penns Grove, Salem County.	1.5
E. I. du Pont de Nemours & Co.	Carney's Point, Salem County.	1.5
Mannington Mills, Inc	Salem City, Salem County.	2.0
Atlantic City Electric, B. L. England Station.	Beesley Point, Cape May County.	2.0
Kerr Glass Manufacturing Corp.	Millville City, Cumberland County.	2.5
Owens Illinois, Inc., Kimble Products Division.	Vineland City, Cumberland County.	2.5
Leone Industries	Bridgeton, Cumberland County.	2.5
Progresso Food Corp	Vineland City, Cumberland County.	2.5
Bridgeton Dyeing and Finishing Corp.	Bridgeton City, Cumberland County.	2.5
Vineland Chemical Co	Vineland City, Cumberland County.	2.5
Hunt-Wesson Foods, Inc.	Bridgeton, Cumberland County.	2.5
Owens Illinois, Inc	......do	1.5

(19) A revision submitted by the New Jersey Department of Environmental Protection on July 6, 1978 consisting of amendments to the provisions of the New Jersey Administrative Code (N.J.A.C.) 7:27-10.1 *et seq.*, *Sulfur in Coal*, and accompanying supplemental information.

(20) A revision consisting of all but one of the sections of the revised regulation, N.J.A.C. 7:27-6.1 *et seq.*, submitted by the New Jersey Department of Environmental Protection with a March 31, 1977 cover letter which also transmitted the basis and background document and the Report of the Public Hearing. The one section that

is not approved as submitted by the State is Section 6.5, "Variances."

(21) A revision submitted by the New Jersey Department of Environmental Protection on August 10, 1978 consisting of amendments to the provisions of the New Jersey Administrative Code (N.J.A.C.) 7:27-9.1 *et seq.*, *Sulfur in Fuels*, and accompanying supplemental information.

(22) A comprehensive revision for nonattainment areas entitled, "Proposed New Jersey State Implementation Plan for the Attainment and Maintenance of Air Quality Standards," submitted, as required by Part D of the Clean Air Act, on December 29, 1978 by the New Jersey Department of Environmental Protection.

(23) Supplementary submittals, pertaining to the plan revision for nonattainment areas required by Part D of the Clean Air Act, from the New Jersey Department of Environmental Protection as follows:

A package dated April 17, 1979 from the New Jersey Department of Environmental Protection to EPA entitled, "N. J. SIP Supplement 1," and covering the State's schedule for future actions, expected costs and sources of funding, ongoing consultation process, graphical representation of reasonable further progress, schedule for promulgation of emission offset rule, commitment to adoption of tall stack policy and comments on EPA's proposed tall stack policy, discussion and schedule for resolution of the Bridgeton particulate downwash problem, summary of particulate emissions inventories for non-attainment areas, request for extension for submittal of SIP for secondary TSP standard, and expanded explanation of current I/M program.

A Supplement 2 to the proposed SIP revision consisting of a cover letter dated June 20, 1979 and four attachments from the New Jersey Department of Environmental Protection to EPA covering a proposed version of the State's new source review regulation, a discussion of reasonable further progress with respect to volatile organic substance sources, the design values for ozone in the Metropolitan New York and Metropolitan Philadelphia Interstate Air Quality Control Regions, and a proposed version of the State's regulation for the control of volatile organic substances (VOS).

A submittal dated July 5, 1979 from the New Jersey Department of Environmental Protection to EPA covering the State's draft regulation controlling VOS, operating and maintenance procedures for open top tanks and surface cleaners covered under the State's draft VOS control regulation, and evaporative losses from VOS storage tanks.

A package consisting of a cover letter dated October 3, 1979 from the New Jersey Department of Environmental Protection to EPA and an accompanying report covering an analysis of the Bridgeton particulates downwash problem and the State's effort to execute memoranda of understanding with its Metropolitan Planning Organization.

A cover letter received by EPA dated October 19, 1979 from the New Jersey Department of Environmental Protection together with the State's adopted regulation for control of VOS, N.J.A.C. 7:27-16.1 *et seq.*, and "Report of Public Hearing and Basis for Promulation."

A package consisting of a letter dated January 9, 1980 from the New Jersey Department of Environmental Protection to EPA covering the conditions on SIP approval which were listed by EPA in the proposed rulemaking notice for the SIP revision and four references covering the October 3, 1979 Bridgeton particulates analysis, an updated Bridgeton particulates analysis, and an energy analysis of certain VOS controls called for in N.J.A.C. 7:27-16.1 *et seq.* justifying the State's position on seasonal variances for certain VOS sources.

(24) A supplementary submittal, dated February 27, 1980 from the New Jersey Department of Environmental Protection consisting of five memoranda of understanding among the New Jersey Departments of Environmental Protection and Transportation and the following metropolitan planning organizations:

Atlantic County Urban Area Transportation Study
Cumberland County Urban Area Transportation Study
Delaware Valley Regional Planning Commission
Philipsburg Urban Area Transportation Study
Wilmington Metropolitan Area Planning Council

(25) Supplementary submittals, dated March 5, April 9 and April 10 from the New Jersey Department of Environmental Protection consisting of test methods to be used in determining compliance with the provisions of N.J.A.C. 7:27-16.1 *et seq.*, "Control and Prohibition of Air Pollution by Volatile Organic Substances."

(26) A supplementary submittal, dated April 22, 1980, from the New Jersey Department of Environmental Protection and the New Jersey De-

partment of Transportation consisting of three documents entitled "The Transportation Planning Process in New Jersey," "Summary of Financial Resources for Transportation-Air Quality Planning," and "Program for Selection of Needed Transportation Control Measures, April 1980."

(27) A supplementary submittal dated August 5, 1980 from the New Jersey Department of Environmental Protection consisting of revisions to Subchapter 18 of the New Jersey Administrative Code, entitled, "Control and Prohibitions of Air Pollution from Ambient Air Quality in Nonattainment Areas" (Emission Offset Rule), N.J.A.C. 7:27-18.1 *et seq.*

(28) A supplementary submittal from the State of New Jersey Department of Environmental Protection, consisting of an Ambient Air Quality Monitoring SIP revision dated August 1.

(29) A June 30, 1980 submittal by the New Jersey Department of Environmental Protection (NJDEP) consisting of an Amended Consent Order entered into by NJDEP and the Atlantic City Electric Company. This revision to the New Jersey State Implementation Plan establishes a construction and testing schedule designed to bring units 1 and 2 at Atlantic City Electric Company's B.L. England Generating Station at Beesley's Point, New Jersey, into compliance with New Jersey Administrative Code (N.J.A.C.) 7:27-3.1 *et seq.*, Control and Prohibition of Smoke from Combustion of Fuel; N.J.A.C. 7:27-4.1 *et seq.*, Control and Prohibition of Particulates from Combustion of Fuel; and N.J.A.C. 7:27-10.1 *et seq.*, Sulfur in Coal, by March 31, 1982 and June 1, 1982, respectively.

(30) A supplementary submittal dated April 27, 1981, from the New Jersey Department of Environmental Protection consisting of newly adopted revisions to a regulation concerning the Control and Prohibition of Open Burning, N.J.A.C. 7:27-21 *et seq.*, an Order of Adoption, the Report of Public Hearing, and the Basis for the Proposed Amendments.

(31) A supplementary submittal dated July 8, 1981, from the New Jersey Department of Environmental Protection consisting of newly adopted revisions to Subchapter 10, Sulfur in Solid Fuels, N.J.A.C. 7:27-10.1 *et seq.*, an Order of Adoption, the Report of Public Hearing, and the Basis for the Proposed Amendments.

(32) Revisions submitted on March 17, 1982 and April 27, 1982 by the New Jersey State Department of Environmental Protection which grant "cullet variances" to furnace number 2 of the Anchor Hocking Corporation's Salem plant and furnaces G, Y, J, K, L, M, R of the Owens-Illinois, Inc. Vineland plant. The "cullet variances" will remain in effect for up to two years from August 10, 1982.

(d) Plan revisions were submitted on September 26, 1972.

(Secs. 110, 172, 301, and 319 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[37 FR 10880, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1570, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: At 47 FR 25335, June 11, 1982, paragraph (c)(32) was added to § 52.1570, effective August 10, 1982.

§ 52.1571 Classification of regions.

The New Jersey plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
New Jersey-New York-Connecticut Interstate	I	I	I	I	I
Metropolitan Philadelphia Interstate	I	I	III	I	I
Northeast Pennsylvania-Upper Delaware Valley Interstate	I	II	III	III	III
New Jersey Intrastate	III	IA	III	I	III

[37 FR 10880, May 31, 1972, as amended at 39 FR 16347, May 8, 1974]

§ 52.1572 Extensions.

(a) The Administrator hereby extends the statutory deadline for attainment of carbon monoxide and also national ambient air quality standards to December 31, 1987. Specific attainment dates shall be defined, when applicable, in the plan revision to be submitted by July 1, 1982.

(b) The Administrator hereby extends for 18 months, until July 1, 1980, the statutory timetable for submission of New Jersey's plans for attainment and maintenance of the secondary standards for total suspended particulates in all secondary standard nonattainment areas so designated in the January 25, 1979 issue of the FEDERAL REGISTER at 44 FR 5119.

(Secs. 110, 172 and 301 of the Clean Air Act (42 U.S.C. 7410, 7502, and 7601))

[45 FR 15541, Mar. 11, 1980]

§ 52.1573 Approval status.

With the exceptions set forth in this subpart, the Administrator approves New Jersey's plans for attainment and maintenance of the national ambient air quality standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds that the plan satisfies all requirements of Part D, Title I, of the Clean Air Act, as amended in 1977, except as noted below in § 52.1581. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January, 1978 and January, 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(Secs. 110, 172 and 301 of the Clean Air Act (42 U.S.C. 7410, 7502 and 7601))

[45 FR 15541, Mar. 11, 1980]

§ 52.1574 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the legal authority to provide for public availability of emission data is inadequate.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other con-

trol measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[39 FR 34537, Sept. 26, 1974, as amended at 40 FR 55331, Nov. 28, 1975]

§ 52.1575 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met, since section 26:2C-9 of the New Jersey Air Pollution Control Law could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, section 26:2C-9 is disapproved.

[39 FR 34537, Sept. 26, 1974]

§ 52.1576 Control strategy: Nitrogen dioxide.

(a) The requirements of § 51.14(c)(3) of this chapter are not met since the plan does not provide for the degree of nitrogen oxides emission reduction attainable through the application of reasonably available control technology in the New Jersey portions of the New Jersey-New York-Connecticut Region.

[37 FR 10880, May 31, 1972, as amended at 39 FR 16347, May 8, 1974]

§ 52.1577 Compliance schedules.

(a) [Reserved]

(b) The requirements of § 51.15(b)(1) of this chapter are not met since chapter 7, section 7.1(c) of New Jersey's "Air Pollution Control Code" permits certain sources to defer compliance with chapter 7 until after the required date for attainment of the national standards for particulate matter.

(c) The requirements of § 51.15(c) of this chapter are not met since chapter 7 of New Jersey's "Air Pollution Control Code" does not provide for periodic increments of progress toward compliance for those sources with compliance schedules extending over a period of 18 or more months.

(d) *Regulation for increments of progress.* (1) Except as provided in paragraph (d)(2) of this section, the owner or operator of any stationary source in the State of New Jersey to which an exception extending beyond January 31, 1974, is applicable under Chapter 7, section 7.1(c) of the New Jersey Air Pollution Control Code shall, no later than 120 days following the effective date of this paragraph, submit to the Administrator for approval, a proposed compliance schedule that demonstrates compliance with the emission limitations prescribed by Chapter 7 of the New Jersey Air Pollution Control Code as expeditiously as practicable but no later than July 31, 1975. The compliance schedule shall provide for periodic increments of progress towards compliance. The dates for achievement of such increments shall be specified. Increments of progress shall include, but not be limited to: Submittal of the final control plan to the Administrator; letting of necessary contracts for construction or process changes or issuance of orders for the purchase of component parts to accomplish emission control or process modification; initiation of onsite construction or installation of emission control equipment or process change; completion of onsite construction or installation of emission control equipment or process modification; and final compliance.

(2) Where any such owner or operator demonstrates to the satisfaction of the Administrator that compliance with the applicable regulations will be achieved on or before January 31, 1974, no compliance schedule shall be required.

(3) Any owner or operator required to submit a compliance schedule pursuant to this paragraph shall within 5 days after the deadline for each increment of progress, certify to the Administrator whether or not the required increment of the approved compliance schedule has been met.

(4) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(e) Federal compliance schedules. The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, except where noted.

Source	Location	Regulation involved	Effective date	Final compliance date
Abex Inc	Mahwah, Bergen County	40 CFR 52.1577(d) [1]	Immediately	July 31, 1975.
Gerald A. Barrett, Inc	Woodbine, Cape May County.	do	do	July 1, 1974.
G. & W. H. Corson, Inc. (Home Crete Corp.).	Gibbsboro, Camden County	do	do	Dec. 1, 1974.
Flockhart Foundry Co	Newark, Essex County	40 CFR 52.1577(d).	do	Do.
GAF Corp	Bridgewater Township, Somerset County.	do	do	Do.
1. Preheating and conveying collector outlet.				Nov. 1, 1974.
2. Stack for No. 1 side coloring plant.				June 1, 1975.
3. Stack for No. 2 side coloring plant.				Do.
4. Dryer Building collector outlet.				July 31, 1975.
5. Aerator and Mixer exhaust.				Do.
Grefco, Inc	Jamesburg, Middlesex County.	40 CFR 52.1577(d)	Immediately	Apr. 15, 1975.
Lace Creations, Inc	Newark, Essex County	do	do	June 15, 1975.
Metro Containers (Kraftco Corp.).	Jersey City, Hudson County	do	do	July 31, 1975.
Trap Rock Industries, Inc	Kingston, Somerset County			
1. Stacks 4 and 4A				Do.
2. Stack 5				Do.
Woodward Metal Processing Corp.	Jersey City, Hudson County	40 CFR 52.1577(d)	Immediately	Mar. 11, 1975.

[1] Federal regulation.

[37 FR 10880, May 31, 1972, as amended at 37 FR 23090, Oct. 28, 1972; 38 FR 12713, May 14, 1973; 40 FR 30962, July 24, 1975]

§ 52.1578 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for the review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) of this chapter are hereby incorporated by reference and made a part of the applicable implementation plan for the State of New Jersey.

(c) Subchapter 18 of the New Jersey Administrative Code, entitled, "Control and Prohibitions of Air Pollution from Ambient Air Quality in Nonattainment Areas (Emission Offset Rule)," N.J.A.C. 7:27-18.1 *et seq.*, as submitted to EPA on August 5, 1980 by the New Jersey Department of Environmental Protection, is approved for the entire State of New Jersey, with the following provisions:

(1) The definition of "significant emission increase" as it appears in Section 7:27-18.1, entitled, "Definitions," is disapproved. The following definition of "significant emission increase" is applicable: "An increase, since December 21, 1976, in the rate of allowable emissions, including fugitive pollutant emissions, at a facility of any criteria pollutant greater than or equal to 50 tons per year, 1,000 pounds per day, or 100 pounds per hour, not including decreases in the rates of allowable emissions except where such decreases are contemporaneous with emission increases. The increase in the rates of allowable emissions shall be the cumulative total of increases from all new or altered equipment for which permits have been issued on or after December 21, 1976 and for which permit applications have been received by the Department, and the fugitive emissions associated with that equipment. The hourly and daily rates shall apply only with respect to a pollutant for which a national ambient air quality standard for a period not exceeding 24 hours has been established.

(2) Subsection (e)(1) under Section 7:27-18.2, entitled, "General Provi-

sions," is disapproved and replaced with the following: "The requirements of subsections (c)(3), (c)(4), and (c)(5) of this section shall again become applicable when proposed new construction or alterations at the facility would cause the increase in the rate of allowable emissions of that criteria pollutant to again exceed 50 tons per year, 1,000 pounds per day, or 100 pounds per hour whichever is most restrictive. The accumulation of increases in the rate of allowable emissions shall resume from zero after each application of paragraphs (c)(3) and (c)(4) of this section."

(Secs. 110, 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[39 FR 7282, Feb. 25, 1974, as amended at 46 FR 21996, Apr. 15, 1981]

§ 52.1579 Intergovernmental cooperation.

(a) The requirements of § 51.21(b)(2) of this chapter are not met since the plan does not adequately describe the responsibilities of local agencies.

§ 52.1580 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information contained in the New Jersey plan. Further information on the specific boundaries of the "nonattainment," "unclassifiable," and "attainment" areas is found in § 81.331 of this chapter.

Air quality control region and nonattainment area	Pollutant						
	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
New Jersey-New York-Connecticut Interstate AQCR:							
The city of Jersey City	a	*c*	a	a	a	*d*	*d*
Remainder of Hudson County (excluding Jersey City)	a	*c*	a	a	a	a	*d*
The city of Newark (east of the Garden State Parkway)	a	*c*	a	a	a	*d*	*d*
The city of Newark (west of the Garden State Parkway)	a	a	a	a	a	*d*	*d*
The city of Elizabeth	a	*c*	a	a	a	*d*	*d*
The city of Linden	a	*c*	a	a	a	a	*d*
The Borough of Carteret	a	*c*	a	a	a	a	*d*
The township of Woodbridge	a	*c*	a	a	a	a	*d*
The city of Perth Amboy	a	*c*	a	a	a	*d*	*d*
The city of Paterson	a	a	a	a	a	*d*	*d*
The city of Hackensack	a	a	a	a	a	*d*	*d*
The town of Morristown	a	a	a	a	a	*d*	*d*
The Borough of Somerville	a	a	a	a	a	*d*	*d*
The city of Asbury Park	a	a	a	a	a	*d*	*d*
The Borough of Freehold	a	a	a	a	a	*d*	*d*
Remainder of AQCR	a	a	a	a	a	a	*d*
Metropolitan Philadelphia Interstate AQCR:							
The city of Camden	a	*c*	a	a	a	*d*	*d*
The city of Trenton	a	a	a	a	a	*d*	*d*
The city of Burlington	a	a	a	a	a	*d*	*d*
The Borough of Penns Grove	a	a	a	a	a	*d*	*d*
Remainder of AQCR	a	a	a	a	a	a	*d*
New Jersey Intrastate AQCR:							
The city of Bridgeton	a	*c*	a	a	a	a	*d*
The city of Atlantic City	a	a	a	a	a	*d*	*d*
Toms River (portion of Dover Township)	a	a	a	a	a	*d*	*d*
Remainder of AQCR	a	a	a	a	a	a	*d*
Northeast Pennsylvania-Upper Delaware Valley Interstate AQCR	a	a	a	a	a	a	*d*

NOTE 1: Footnotes which are italic are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

NOTE 2. Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out in the 1978 edition of the Code of Federal Regulations at 40 CFR Part 52, § 52.1580.

a. Air quality levels presently attain standards or area is unclassifiable.

b. December 31, 1982.

c. 18-month extension, until July 1, 1980, for plan revision submission granted. The earlier attainment date remains applicable until the plan revision is approved; this date is set out in the 1978 edition of the Code of Federal Regulations at 40 CFR Part 52, § 52.1580.

d. December 31, 1987 or such earlier date as defined in the plan revision to be submitted by July 1, 1982.

(Secs. 110, 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[45 FR 15541, Mar. 11, 1980]

§ 52.1581 [Reserved]

§ 52.1582 Control strategy and regulations: Ozone (volatile organic substances) and carbon monoxide.

(a) The requirements of § 51.14 of this chapter are not met because the plan does not provide for attainment and maintenance of the national standard for photochemical oxidants (hydrocarbons) in the New Jersey portions of the New Jersey-New York-Connecticut interstate and Metropolitan Philadelphia interstate regions by May 31, 1975.

(b) The requirements of § 51.14 of this chapter are not met because the plan does not provide for the attainment and maintenance of the national standard for carbon monoxide in the New Jersey counties of Essex, Camden, and Mercer.

(c) [Reserved]

(d) Subchapter 16 of the New Jersey Administrative Code, entitled "Control and Prohibition of Air Pollution by Volatile Organic Substances," N.J.A.C. 7:27-16.1 *et seq.* as submitted to EPA on October 19, 1979 by the New Jersey Department of Environmental Protection, is approved for the entire State of New Jersey, with the following provisions and conditions:

(1) Subsections 16.6(c)(4) and 16.6(c)(5) are approved. The State must comply with the public participation procedures it submitted to EPA on December 19, 1980 and must supply to EPA a copy of each notice of a proposed bubble that it supplies the public. In addition, the State must promptly transmit to EPA notice setting forth each set of emission limits approved by the state pursuant to Subsections 16.6(c)(4) and 16.6(c)(5) as well as the emission limitations previously applicable. Finally, the State must transmit any relevant additional material EPA may request, and it must notify the public of an approved set of emission limits at the time it transmits notice of those limits to EPA.

(2) Emission limitations required by Subsections 16.5(a), 16.6(a) and 16.6(b) are applicable requirements of the New Jersey SIP for the purposes of Section 113 of the Clean Air Act and shall be enforceable by EPA and by citizens in the same manner as other requirements of the SIP; except that emission limitations adopted by the State under and which comply with Subsections 16.6(c) (4) and (5) shall be the applicable requirements of the New Jersey SIP in lieu of those contained in Subsections 16.5(a), 16.6(a) and 16.6(b) and shall be enforceable by EPA and by citizens, if the State meets the requirements set out in paragraph (d)(1) of this section.

(3) Although EPA approves the variance provisions in Subchapter 7:27-16.9 and 7:27-16.10, in order to be considered as part of the SIP, each variance issued under these provisions must be submitted to and approved by EPA as a SIP revision.

(Secs. 110, 172, and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[38 FR 16567, June 22, 1973, as amended at 45 FR 15542, Mar. 11, 1980; 46 FR 20556, Apr. 6, 1981; 46 FR 57677, Nov. 25, 1981]

§§ 52.1583—52.1600 [Reserved]

§ 52.1601 Control Strategy and Regulations: Sulfur oxides.

(a) The applicable limitation on the sulfur content of fuel marketed and used in New Jersey until and including March 15, 1974, as set forth in N.J.A.C. subchapter 7:1-3.1 is approved, except that the use of coal in the following utility plants and boiler units is not approved: [1]

Company	Plant	City	Boiler unit(s)
Atlantic City Electric.	Deepwaters.	Deepwaters.	5/7, 7/9, 3/5, 4/6.
Public Service Electric & Gas.	Essex	Newark	All.
Do	Sewaren	Woodbridge.	Do.
Do	Bergen	Bergen	No. 1.
Do	Burlington	Burlington	1–4.
Do	Kearney	Kearney	All.
Do	Hudson	Jersey City	No. 1.
Jersey Central Power & Light.	Sayreville	Sayraville	All.
Do	E. H. Werner.	South Amboy.	Do.

(b) Before any steam or electric power generating facility in Zone 3, as defined in N.J.A.C. 7:27-10.1, burning fuel oil on June 4, 1979, having a rated hourly gross heat input greater than 200,000,000 British Thermal Units (BTU's), and capable of burning coal without major reconstruction or construction, which facility was in operation prior to May 6, 1968, or group of such facilities having a combined rated hourly capacity greater than 450,000,000 BTU's may be permitted by the State to convert to the use of coal, the State shall submit to EPA a copy of the proposed permit together with an air quality analysis employing methodology acceptable to EPA. If EPA determines, on the basis of the submitted analysis, that the proposed coal conversion will not interfere with the attainment or maintenance of air quality standards and will not be the cause for any Prevention of Significant Deterioration (PSD) increment to be exceeded, then the permit authorizing conversion may become effective immediately upon the publication of such a determination (as a Notice) in the FEDERAL REGISTER. If EPA determines that the submitted analysis is inadequate or that it shows that the proposed conversion will interfere with attainment or maintenance of air quality standards or cause any PSD increment to be exceeded, then EPA shall so inform the State of its determination, and the permit authorizing conversion shall not become effective and conversion shall not occur until an adequate analysis is submitted or, if necessary, until a control strategy revision which would require any necessary emission reductions is submitted by the State and placed into effect as an EPA approved revision to the implementation plan. In addition, this same procedure shall apply to any State permit applied for that would authorize a relaxation in the sulfur-in-coal limitation at any such facility, as defined above in this paragraph, having already been granted a permit to convert to coal.

(Sec. 110, 301, Clean Air Act, as amended (42 U.S.C., 7410, 7601))

[39 FR 1439, Jan. 9, 1974, as amended at 44 FR 31979, June 4, 1979; 44 FR 38471, July 2, 1979]

§ 52.1602 Maintenance of national standards.

(a) The requirements of § 51.4 and § 51.12(e) of this chapter are not met since the State did not conduct an adequate public hearing on the identification of areas which have the potential for violation of an air quality standard within 10 years.

(b) The areas listed below are hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Allentown-Bethlehem-Easton Interstate Air Quality Maintenance Area (New Jersey Portion).

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of the area:

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[1] Action by the Administrator regarding coal conversion at the listed plants and units is being held in abeyance until the Administrator determines whether and to what extent that conversion cannot be deferred, based on analysis of fuel allocations for residual oil and coal in the Mid-Atlantic and New England States.

Warren County.

(2) Atlantic Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of the area:

Atlantic County.

(3) Metropolitan Philadelphia Interstate Air Quality Maintenance Area (New Jersey Portion).

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of the area:

Mercer County, Burlington County, Camden County, Gloucester County, Salem County.

(4) New Jersey-New York Interstate Air Quality Maintenance Area (New Jersey Portion).

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide (part) and photochemical oxidants.

(ii) (*a*) Geographical composition of the area identified for particulate matter and photochemical oxidants:

Hudson County, Essex County, Union County, Middlesex County, Bergen County, Passaic County, Monmouth County, Morris County, Somerset County.

(*b*) Geographical composition of the area identified for sulfur dioxide:

Hudson County, Essex County, Union County, Middlesex County, Bergen County, Passaic County, Monmouth County.

(5) Ocean Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of the area:

Ocean County.

[40 FR 41951, Sept. 9, 1975]

§ 52.1603 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of New Jersey.

(Sections 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. No. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.1604 Control strategy and regulations: Total suspended particulates.

(a) Any variance issued by the Department under N.J.A.C. Title 7, Chapter 27, Section 6.5, subsections (a), (b), or (c) shall not exempt any person from the requirements otherwise imposed by N.J.A.C. 7:27-6.1 *et seq.;* provided that the Administrator may approve such variance as a plan revision when the provisions of this Part, Section 110(a)(3)(A) of the Act, and 40 CFR, Part 51 (relating to approval of and revisions to State implementation plans) have been satisfied with respect to such variance.

(b) Particulates emissions from units 1 and 2 of the Atlantic City Electric Company's B.L. England Generating Station are limited to an emission rate of 0.5 lbs/million BTU until March 31, 1982 and June 1, 1982, respectively. The opacity associated with such emissions from these units during this period shall not exceed 40 percent. On and after March 31, 1982 for unit 1, and June 1, 1982 for unit 2, these units shall be limited to an emission rate of 0.1 lbs/million BTU, and the associated opacity shall not exceed 20 percent.

(Secs. 110, 301, Clean Air Act, as amended (42 U.S.C. 7410, 7601))

[44 FR 5427, Jan. 26, 1979 and 46 FR 26305, May 12, 1981]

§ 52.1605 EPA-approved New Jersey regulations.

State regulation	State effective date	EPA approved date	Comments
Subchapter 1, "General Provisions"	May 1, 1956	May 31, 1972, 37 FR 10880	
Subchapter 2, "Control and Prohibition of Open Burning"	June 8, 1981	Sept. 30, 1981, 46 FR 47779	
Subchapter 3, "Control and Prohibition of Smoke From Combustion of Fuel".	Jan. 16, 1972	May 31, 1972, 37 FR 10880	
Subchapter 4, "Control and Prohibition of Solid Particles From Combustion of Fuel".	Mar. 27, 1972	......do	
Subchapter 5, "Prohibition of Air Pollution"	Jan. 1, 1961	......do	
Subchapter 6, "Control and Prohibition of Particles From Manufacturing Processes" (except Section 6.5).	May 23, 1977	Jan. 26, 1979, 44 FR 5427	Section 6.5, "Variances," is not approved (40 CFR 52.1570(c)(20) and 52.1604(a)). Any State-issued variances must be formally incorporated as SIP revisions if EPA is to be bound to their provisions (40 CFR 52.1604(a)).
Subchapter 7, "Sulfur"	Mar. 1, 1967	May 31, 1972, 37 FR 10880	
Subchapter 8, "Permits and Certificates"	June 1, 1976	Nov. 18, 1976, 41 FR 50823	
Subchapter 9, "Sulfur in Fuels"	June 4, 1979	June 4, 1979, 44 FR 31979	
Subchapter 10, "Sulfur in Solid Fuels"	July 14, 1981	Nov. 3, 1981, 46 FR 54542	Notification of "large zone 3 coal conversions" must be provided to EPA (40 CFR 52.1601(b)).
Subchapter 11, "Incinerators"	Aug. 15, 1968	May 31, 1972, 37 FR 10880	
Subchapter 12, "Prevention and Control of Air Pollution Emergencies".	Mar. 27, 1972	......do	
Subchapter 13, "Ambient Air Quality Standards"	Mar. 5, 1973	June 15, 1973, 38 FR 15723	
Subchapter 14, "Control and Prohibition of Smoke From Diesel-Powered Motor Vehicles".	Jan. 18, 1971	May 31, 1972, 37 FR 10880	
Subchapter 15, "Control and Prohibition of Air Pollution From Light-Duty Gasoline-Fueled Motor Vehicles".	July 5, 1972	......do	
Subchapter 16, "Control and Prohibition of Air Pollution by Volatile Organic Substances" (with provisions as noted).	Dec. 17, 1979	Apr. 6, 1981, 46 FR 20556	Emission limitations adopted by the State under and complying with §§ 16.6(c)(4) and 16.6(c)(5) become applicable if transmitted to EPA. Variances adopted by the State pursuant to §§ 16.9 and 16.10 become applicable only if approved by EPA as SIP revisions (40 CFR 52.1582(d), published at 46 FR 20551 on April 6, 1981).
Subchapter 18, "Control and Prohibition of Air Pollution From New or Altered Sources Affecting Ambient Air Quality in Nonattainment Areas (Emission Offset Rule)" (except as noted regarding §§18.1 and 18.2(e)(1)).	Sept. 8, 1980	Apr. 15, 1981, 46 FR 21996	The definitions of "significant emission increase," in § 18.1, and § 18.2(e)(1)are disapproved. Federally promulgated regulations (40 CFR 52.1578(c), published at 46 FR 21996 on April 15, 1981) are applicable.

(Secs. 110, 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502 and 7601))

[46 FR 57677, Nov. 25, 1981, and 46 FR 61266, Dec. 16, 1981]

Editorial Note: At 46 FR 57677, Nov. 25, 1981, EPA amended § 52.1605. At that time, § 52.1605 did not exist. At 46 FR 61266, December 16, 1981, § 52.1605 was added. Section 52.1605 set forth above includes the text of both the November 25, 1981, and December 16, 1981, documents.

Subpart GG—New Mexico

§ 52.1620 Identification of plan.

(a) Title of plan: "State of New Mexico Implementation Plan."

(b) The plan was officially submitted on January 27, 1972.

(c) The Plan revisions listed below are submitted on the dates specified.

(1) The Environmental Improvement Agency submitted revisions of Air Quality Control Regulations 506, 507, 604, 605, 606, 651, and 652 (adopted by the Board on January 10, 1972) on March 7, 1972.

(2) Additions of Sections 12-14-1 through 12-14-13 of the State's Air Quality Control Act, and Regulations 504, 602, and 603 were submitted by the Governor on May 9, 1972.

(3) Revisions of Regulations 702, 703, 704, and 705, as adopted by the Board on July 29, 1972, and revisions of Sections IV, V, VII, and VIII, were submitted by the Environmental Improvement Agency on July 31, 1972.

(4) State Attorney General's opinion on legal authority and confidentiality of source data was submitted on September 4, 1972. (Non-regulatory)

(5) Revisions of the New Source Review and Source Surveillance sections of the New Mexico Implementation Plan were submitted by the Environmental Improvement Agency on January 3, 1973. (Non-regulatory)

(6) Clarification of the State permit and source surveillance regulations was submitted by the Environmental Improvement Agency on January 18, 1973. (Non-regulatory)

(7) Regulation 705, Compliance Schedules, was submitted by the Governor on February 12, 1974.

(8) Revisions to Regulation 602, Coal Burning Equipment-Sulfur Dioxide, as adopted by the New Mexico Environmental Improvement Board on December 13, 1974, were submitted by the Governor on October 3, 1975 (see § 52.1624).

(9) Revisions to Regulation 100, Definitions, Regulation 705, Schedules of Compliance, and a new Regulation 706, Air Quality Maintenance Areas, were submitted by the Governor on November 6, 1975 (see § 52.1633).

(10) Revisions to sections 12-14-2, 12-14-6, and 12-14-7 of the New Mexico Air Quality Control Act were submitted by the Governor on November 6, 1975.

(11) Revisions to the plan for attainment of standards for particulate matter in Albuquerque and Grant, Eddy and Lea Counties, sulfur dioxide in San Juan and Grant Counties; ozone in Albuquerque and carbon monoxide in Las Cruces, Farmington and Santa Fe were submitted by the Governor on January 23, 1979.

(12) Ordinance for motor vehicle emissions inspection/maintenance program for Albuquerque submitted by the Governor July 2, 1979.

(13) Commitments regarding the development of a TSP plan for Albuquerque, modfications to the permit regulations and commitments regarding reasonable further progress and commitments to currently planned transportation control measures for Albuquerque were submitted by the Governor on August 2, 1979.

(14) Schedule for Albuquerque TSP plan, request for 18 month extension for submission of a plan for attainment of the TSP standard in Grant County, schedule for revising permit regulations were submitted by the Governor on September 25, 1979.

(15) No action is being taken on the carbon monoxide strategies submitted by the Governor on January 23, 1979 for Farmington and Santa Fe.

(16) Compliance schedules for several industries located in Eddy, Lea and Grant Counties were submitted to EPA by the Governor of New Mexico on July 25, 1979.

(17) Revisions to the plan for attainment of the standard for carbon monoxide in Bernalillo County were submitted by the Governor on March 17, 1980.

(18) A commitment to not issue permits to stationary sources located in nonattainment areas was submitted by the Governor on May 20, 1980.

(19) A commitment to submit an enforcement plan for the Albuquerque-Bernalillo County inspection/maintenance program was submitted by the Governor on October 10, 1980.

(20) On December 12, 1979, the Governor submitted final revisions to the ambient monitoring portion of plan.

(21) A variance to Regulation 506 for Phelps Dodge Corporation, Hidalgo Smelter in Playas, New Mexico was submitted by the Governor on February 4, 1980.

(22) Revisions to Regulation 602, Coal Burning Equipment-Sulfur Dioxide and a compliance schedule for that regulation were adopted on November 20, 1980 by the New Mexico Environmental Improvement Board and submitted by the Governor on November 24, 1980. A revised sulfur dioxide control strategy demonstration for San Juan County, based on revised Regulation 602 was submitted by the New Mexico Environmental Improvement Division on February 12, 1981. Clarifications of provisions in revised regulation 602, and a memorandum of understanding between the State and Arizona Public Service Company on the procedure to be used by EPA in enforcing power plant station emission limits were submitted by the New Mexico Environmental Improvement Division on April 16, 1981.

(23) A revision to Regulation 504 which extends the final compliance date for Units 4 and 5 of the Arizona Public Service Four Corners Power Plant to December 31, 1982 was submitted by the Governor on June 28, 1978. A compliance schedule for the same units was submitted by the Governor on March 31, 1980.

(24) A revision to Regulation 507, changing the emission limitations was submitted by the Governor on January 23, 1979.

(25) A variance to Regulation 603 for the Arizona Public Service Units 3, 4, and 5 at the Four Corners Generating Station, was submitted by the Governor on July 31, 1980.

(26) Revision to the plan for maintenance of pay for sources subject to nonferrous smelter orders (Section 74-2-11.1B of the New Mexico Air Quality Control Act) was submitted by the Governor on September 26, 1979.

(27) The New Mexico Plan was submitted to EPA on May 19, 1980, by the Governor of New Mexico as adopted by the New Mexico Improvement Board on May 9, 1980. A clarifying letter dated February 10, 1982 also was submitted.

(28) Revisions to Regulation 652, Non-Ferrous Smelters—Sulfur, submitted by the Governor on June 22, 1981. A revised sulfur dioxide control strategy demonstration for Grant County based on the revised Regulation 652 was submitted by the New Mexico Environmental Improvement Division on May 12, 1981 and August 13, 1981.

(29) A revision to Regulation 401, Regulation to Control Smoke and Visible Emissions, was adopted by the Environmental Improvement Board on August 25, 1978 and submitted by the Governor on November 8, 1978.

(Secs. 110(a) and 172 of the Clean Air Act, as amended (42 U.S.C. 7410(a) and 7502)

[37 FR 10881, May 31, 1972, as amended at 44 FR 21020, Apr. 10, 1979; 45 FR 24468, Apr. 10, 1980; 45 FR 85007, Dec. 24, 1980; 46 FR 18694, Mar. 26, 1981; 46 FR 40006, Aug. 6, 1981; 46 FR 42065, Aug. 19, 1981; 46 FR 43153, Aug. 27, 1981; 47 FR 13339, Mar. 30, 1982; 47 FR 16331, Apr. 16, 1982; 47 FR 18859, May 3, 1982; 47 FR 19333, 19334, May 5, 1982; 47 FR 28373, June 30, 1982]

EFFECTIVE DATE NOTE: In § 52.1620, paragraph (c)(25) was added at 47 FR 18859, May 3, 1982, effective July 2, 1982, and paragraph (c)(26) was added at 47 FR 19334, May 5, 1982, effective July 6, 1982. Paragraphs (c) (25) and (26) were correctly designated as (c) (26) and (27) at 47 FR 28373, June 30, 1982.

§ 52.1621 Classification of regions.

The New Mexico plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Albuquerque-Mid-Rio Grande Intrastate	I	III	III	III	I
New Mexico Southern Border Intrastate	IA	IA	III	III	III
El Paso-Las Cruces-Alamogordo Interstate	I	IA	III	I	I
Four Corners Interstate	IA	IA	III	III	III
Northeastern Plains Intrastate	III	III	III	III	III
Pecos-Permian Basin Intrastate	III	III	III	III	III
Southwestern Mountains-Augustine Plains Intrastate	III	III	III	III	III
Upper Rio Grande Valley Intrastate	III	III	III	III	III

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7601(a)))

[37 FR 1081, May 31, 1972, as amended at 39 FR 16347, May 8, 1974; 42 FR 20131, Apr. 18, 1977; 45 FR 24468, Apr. 10, 1980; 45 FR 67347, Oct. 10, 1980]

§ 52.1622 Approval status.

With the exceptions set forth in this subpart, the Administrator approves New Mexico's plan for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Further, the Administrator finds that the plan satisfies all requirements of the Part D of the Clean Air Act, as amended in 1977, except as noted below.

[45 FR 24468, Apr. 10, 1980]

§ 52.1623 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met, since New Mexico Environmental Improvement Board Air Quality Control Regulations 702.E and 703.D could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, regulations 702.E and 703.D are disapproved.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at

other locations in the state designated by the Regional Administrator.

[39 FR 34537, Sept. 26, 1974, as amended at 40 FR 55332, Nov. 28, 1975]

§ 52.1624 [Reserved]

§ 52.1625 Control Strategy: Particulate matter.

(a) The New Mexico Plan for total suspended particulates for the Albuquerque nonattainment area is conditionally approved on the conditions specified below:

(1) Update emissions inventory and identify major influencing sources—January 1, 1981.

(2) Analyze data and futher define TSP problem—June 1, 1981.

(3) Propose TSP control strategy including cost/benefit analysis—January 1. 1982.

(4) Develop proposed control regulations, as required, and hold public hearing—April 1, 1982.

(5) Submit revised plan to EPA—July 1, 1982.

(Secs. 172(b) and 173 of the Clean Air Act, as amended; 42 U.S.C. 7502 and 7503)

[46 FR 43152, Aug. 27, 1981]

§ 52.1626 Compliance schedules.

(a) New Mexico Air Quality Control Regulation 705, Schedules of Compliance, as adopted by the State of New Mexico on September 24, 1973, meets the requirements of § 51.15(c) of this chapter and is hereby approved as part of the State of New Mexico Implementation Plan.

(b) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.6 and § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State.

NEW MEXICO

Source	Location	Regulation involved	Effective date	Final compliance date
EDDY COUNTY				
AMAX Chemical Corp	Carlsbad	508	Immediately	Nov. 1, 1980
DUVAL Corp	do	508	do	Dec. 31, 1982
Int'l Minerals and Chem. Corp	do	508	do	Dec. 31, 1984
Kerr-McGee Chem. Corp	do	508	do	Sept. 1, 1981
Mississippi Chemical	do	508	do	Sept. 15, 1981
National Potash Co	do	508	do	Dec. 31, 1981
Potash Co. of America	do	508	do	Dec. 31, 1982
United Salt Corp	do	508	do	Dec. 31, 1981
GRANT COUNTY				
Kennecott Copper Corp	Hurley	509	Immediately	Dec. 30, 1980
		510	do	Dec. 31, 1982
LEA COUNTY				
Climax Chem. Co	Monument	508	Immediately	Dec. 31, 1982
SAN JUAN COUNTY				
Arizona Public Service	Four Corners	504	Immediately	Dec, 31, 1982

(Sec. 110 of the Clean Air Act, as amended)

[40 FR 10466, Mar. 6, 1975, as amended at 45 FR 85007, Dec. 24, 1980; 47 FR 13340, Mar. 30, 1982]

§ 52.1627 Control strategy and regulations: Carbon monoxide.

(a) *Part D Conditional Approval.* The Bernalillo County carbon monoxide plan is conditionally approved on the condition that the State submit to EPA a revised implementation schedule and a detailed enforcement plan for the inspection/maintenance program, including specific commitments of the manpower and financial resources to enforce the program, by June 30, 1981.

(Sec. 110 of the Clean Air Act as amended)

[46 FR 18694, Mar. 26, 1981]

§ 52.1628 Review of new sources and modifications.

(a) *Part D Conditional Approval.* The New Mexico plan is conditionally approved on the conditions specified below:

(1) Proposed amendments to permit regulations prepared for EPA and public review—April 1, 1981 (EPA has received these documents).

(2) Hold public hearing—July, 1981.

(3) Submit revised regulation—September 1, 1981.

(b) *Part D Conditional Approval.* The Bernalillo County carbon monoxide plan is conditionally approved on the condition that a revised Section 20, "Permits," are submitted to EPA by December 1, 1981. In addition the Albuquerque-Bernalillo County Air Quality Control Board must continue their policy of not issuing permits to new or modified stationary sources, as specified in the Governor's letter of May 20, 1980, to fulfill the requirements of Part D.

(Secs. 110, 172(b) and 173 of the Clean Air Act as amended, 42 U.S.C. 7502 and 7503)

[45 FR 24468, Apr. 10, 1980, as amended at 46 FR 18694, Mar. 26, 1981; 47 FR 43152, Aug. 27, 1981]

§ 52.1629 [Reserved]

§ 52.1630 Attainment dates for national standards.

The table below presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in New Mexico's plan, except where noted.

Air quality control region	Pollutant							
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone	Lead
	Primary	Secondary	Primary	Secondary				
Albuquerque-Mid Rio Grande Intrastate:								
a. Bernalillo County	b	b	d	d	d	e	b	*b*
b. Remainder of AQCR	*a*	*a*	d	d	d	d	*a*	*c*
New Mexico Southern Border Intrastate:								
a. Grant County	b	g	b	b	d	d	d	*c*
b. Remainder of AQCR	*a*	*a*	*a*		d	d	d	
El Paso-Las Cruces Alamogordo Interstate:								
a. Las Cruces	*a*	*a*	*a*	*a*	d	b	*a*	*c*
b. Anapra								*h*
c. Remainder of AQCR	*a*	*a*	*a*	*a*	d	*a*	*a*	*c*
Four Corners Interstate:								
a. San Juan County	c	*a*	b		d	d	d	*c*
b. Remainder of AQCR	c	*a*	f	f	d	d	d	*c*
Northeastern Plans Interstate	d	d	d	d	d	d	d	*c*
Upper Rio Grande Valley Interstate	d	d	d	d	d	d	d	*c*
Pecos-Permian Basin Interstate:								
a. Eddy and Lea Counties	b	b	d	d	d	d	d	*c*
b. Remainder of AQCR	d	d	d	d	d	d	d	*c*
Southwestern Mountains Augustine Plains Interstate	d	d	d	d	d	d	d	*c*

NOTE 1: Dates or footnotes which are italicized are prescribed by the Administrator because the plan does not provide a specific date.

NOTE 2: Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) of the Act prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earliest attainment dates are set out at 40 CFR 52.1630. (1978).

a. July 1975.
b. December 31, 1982.
c. Air quality presently below primary standard.
d. Air quality level presently below secondary standard.
e. December 31, 1987.
f. July 31, 1977.
g. 18 month extension granted.
h. Contingent upon approval of Texas lead SIP.

(Secs. 107, 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7407, 7410, 7601(a)))

[45 FR 24468, Apr. 10, 1980, as amended at 45 FR 67347, Oct. 10, 1980; 47 FR 19335, May 5, 1982]

EFFECTIVE DATE NOTE: At 47 FR 19335, May 5, 1982, in § 52.1630, the table was amended by adding a column for the pollutant "lead", effective July 6, 1982.

§ 52.1631 Extensions.

(a) The Administrator hereby extends to December 31, 1987, the attainment date for primary and secondary standards for carbon monoxide in Bernalillo County.

(b) The Administrator hereby extends until June 30, 1980, the submittal date for New Mexico's plan for attainment of the secondary standards for particulate matter in Grant County.

[45 FR 24469, Apr. 10, 1980]

§ 52.1632 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met, since section 12-14-10 of the New Mexico Air Quality Control Act could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, section 12-14-10 is disapproved.

[39 FR 34537, Sept. 26, 1974]

§ 52.1633 [Reserved]

§ 52.1634 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of New Mexico.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.1635 Rules and regulations.

(a) *Part D Disapproval:* The requirements of § 51.22 of this chapter are not met since the measurement provisions of Sections A, B.2, and B.3 of New Mexico Regulation 506 make these sections unenforceable. Therefore, Sections A, B.2, and B.3 of Regulation 506 are disapproved.

(b) *Regulation for measurement of emission limitations (particulate matter from nonferrous smelters).* (1) This regulation applies to new and existing nonferrous smelters as they are defined in New Mexico Regulation 506. The requirements of this paragraph replace the requirements of Sections A, B.2, and B.3 of Regulation 506. All other requirements of Regulation 506 are approved as part of the plan.

(2) No person owning or operating a new nonferrous smelter shall permit, cause, suffer, or allow particulate matter emissions to the atmosphere in excess of 0.03 grains per dry standard cubic foot (as defined in 40 CFR Part 60) of discharge gas.

(3) No person owning or operating an existing nonferrous smelter shall permit, cause, suffer, or allow particulate matter to the atmosphere from:

(i) The stack or stacks serving the acid plant in excess of 0.05 grains per dry standard cubic foot of discharge gas.

(ii) The stack or stacks serving the reverberatory feed dryer in excess of 0.05 grains per dry standard cubic foot of discharge gas.

(c) *Regulation for compliance testing (particulate matter from nonferrous smelter).* The requirements of § 60.8(f) of 40 CFR Part 60 shall apply to paragraph (b)(2) of this section, and to each operation of Section B.4 of New Mexico Regulation 506.

[45 FR 24469, Apr. 10, 1980]

Subpart HH—New York

§ 52.1670 Identification of plans.

(a) Title of plans:

(1) "Implementation Plan to Achieve Air Quality Standards—Upstate New York."

(2) "Implementation Plan to Achieve Air Quality Standards—Metropolitan New York City Air Quality Control Region."

(b) The plans were officially submitted on January 31, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Parts 175, 176, 177, 185, 197, and 203 of New York's Code, Rules and Regulation submitted February 9, 1972, by the Division of Air Resources, New York State Department of Environmental Conservation.

(2) Part 200 of the New York State Code and Article 9 of the New York City Code submitted on February 11, 1972, by the Division of Air Resources, New York State Department of Environmental Conservation.

(3) Part 192 of the New York State Air Pollution Control Code submitted on February 14, 1972, by the Division of Air Resources, New York State Department of Environmental Conservation.

(4) Miscellaneous non-regulatory additions to the plan submitted on March 10, 1972, by the Division of Air Resources, New York State Department of Environmental Conservation.

(5) Miscellaneous non-regulatory additions to the plan for New York City submitted on May 19, 1972, by the Governor.

(6) Revisions recodifying regulations 200, 201, 202, 207, 212, 215, 219, 220, 222, 226, and 230 of New York's Code, Rules and Regulations submitted on May 24, 1972, by the Division of Air Resources, New York State Department of Environmental Conservation.

(7) Revisions to Parts 204, 205, 214, 217, 223, 225, 227 and 230 of New York's Code, Rules and Regulations submitted on July 20, 1972, by the Governor.

(8) Miscellaneous non-regulatory revisions to the plan submitted on August 3, 1972, by the Division of Air Resources, New York State Department of Environmental Conservation.

(9) Revision to Part 226 of New York's Code, Rules and Regulations submitted on February 6, 1973, by the New York State Department of Environmental Conservation.

(10) Revised air quality data for 1971 and 1972 for the Hudson Valley AQCR submitted on March 7, 1973, by the New York State Department of Environmental Conservation.

(11) Revision to the photochemical oxidant and carbon monoxide control strategy for New Jersey-New York-Connecticut AQCR submitted on April 17, 1973, by the Governor.

(12) Miscellaneous non-regulatory revisions to the plan submitted on April 19, 1973, by the Division of Air Resources, New York State Department of Environmental Conservation.

(13) Revision to the photochemical oxidant control strategy for the Genesee-Fingerlakes AQCR submitted on April 30, 1973, by the Governor.

(14) Non-regulatory revision to the plan submitted on May 2, 1973, by the Division of Air Resources, New York State Department of Environmental Conservation.

(15) Requests for 2-year extension and 18-month extension for attainment of the photochemical oxidant and carbon monoxide standards in the New Jersey-New York-Connecticut AQCR submitted on May 16, 1973, by the Governor.

(16) Miscellaneous non-regulatory revisions to the plan submitted on May 21, 1973, by the Division of Air Resources, New York State Department of Environmental Conservation.

(17) Miscellaneous non-regulatory revisions to the plan submitted on June 11, 1973, by the New York State Department of Environmental Conservation.

(18) Revisions to Parts 200 and 201 of New York's Codes, Rules and Regulations submitted on August 15, 1973, by the New York State Department of Environmental Conservation.

(19) Revision to sulfur oxides control strategy for New Jersey-New York-Connecticut AQCR submitted on October 26, 1973, by the New York State Department of Environmental Conservation.

(20) Revision to sulfur oxides control strategy for New Jersey-New York-Connecticut AQCR submitted on November 27, 1973, by the Governor.

(21) Revision to Part 205 of New York's Code, Rules and Regulations submitted on February 17, 1974, by the New York State Department of Environmental Protection.

(22) Revisions to Transportation Control Plan for the Genesee-Fingerlakes AQCR submitted on April 8, 1974, by the New York State Department of Environmental Conservation.

(23) AQMA designations were submitted on April 29, 1974, by the New York State Department of Environmental Conservation.

(24) Revised Part 225 (Fuel Composition and Use) was submitted on August 29, 1974, by the Commissioner of the New York State Department of Environmental Conservation.

(25) Additional information on Part 225 revision was submitted on October 11, 1974, by the New York State Department of Environmental Conservation.

(26) Additional information on Part 225 revision was submitted on December 6, 1974, by the New York State Department of Environmental Conservation.

(27) Part 203 (Indirect Sources of Air Contamination) was submitted on January 27, 1975, by the New York State Department of Environmental Conservation.

(28) Additional information on Part 225 revision was submitted on February 25, 1975, by the New York State Department of Environmental Conservation.

(29) Additional information on Part 203 was submitted on May 8, 1975, by the New York State Department of Environmental Conservation.

(30) Revisions submitted on March 16, 1976 by the New York State Department of Environmental Conservation based on special limitations issued pursuant to § 225.2(c) covering three power plants.

(31) Additional information on special limitations issued pursuant to § 225.2(c) submitted on March 22, 1976 by the New York State Department of Environmental Conservation.

(32) Revision to Part 225 submitted on September 20, 1976 and November 5, 1976 by the New York State Department of Environmental Conservation which accomplishes the following:

(i) Upon demonstration by a source owner that the use of the higher sulfur coal will not contribute to the contravention of ambient air quality standards, coal burning sources of greater than 100 million Btu per hour heat capacity may be approved for a special limitation under § 225.2. The previous heat capacity cutoff for requiring a source-generated demonstration was 250 million But per hour.

(ii) The formula contained in § 225.5(a), which determines sulfur dioxide emissions from the burning of fuel mixtures, is modified to include gaseous fuels. Process gases are also included in the formula by the deletion of § 225.5(a)(2), which precluded such inclusion.

(iii) Fuel suppliers are required to furnish fuel sale records upon request of the State through revision to § 225.7.

(iv) The word "rated" is deleted from §§ 225.1(a)(1), 225.2 and 225.6 wherever the phrase "rated total heat input" previously appeared.

(33) Revision submitted on March 17, 1977, by the New York State Department of Environmental Conservation which grants a "special limitation" under Part 225. The "special limitation" relaxes until May 31, 1980, the sulfur-in-fuel-oil limitation to 2.8 percent, by weight, for the Long Island Lighting Co.'s Northport Generating Facility (Units 1, 2, and 3) and Port Jefferson Generating Facility (Units 3 and 4).

(34) Revision submitted on March 3, 1977, April 5, 1977 and June 16, 1977 by the New York State Department of Environmental Conservation which grants "special limitations" under Part 225. These "special limitations" relax, until December 31, 1979, the sulfur-in-fuel-oil limitation to 2.8 percent, by weight, for air pollution sources which do not have a total heat input in excess of 250 million BTU per hour in parts of the Southern Tier East, Central New York and Champlain Valley AQCRs.

(35) Revision submitted on February 14, 1977 by the New York State Department of Environmental Conservation consisting of Section 19.0305(2)(a) of New York State's Environmental Conservation Law (ECL), as amended

by Chapter 760, McKinney's 1975 Session Laws of New York, and an opinion, dated January 27, 1977, by the Honorable Louis J. Lefkowitz, Attorney General of the State of New York, interpreting the amended ECL Section 19-0305(2)(a) and Part 200.2 of Title 6 of the New York State Official Compilation of Codes, Rules, and Regulations (6 NYCRR 200.2). This revision provides for adequate State legal authority to ensure for public availability of air pollutant emission data as required under 40 CFR 51.10(e) and § 51.11(a)(6).

(36) Revision to the New York City Metropolitan Area Transportation Control Plan eliminating tolls on bridges entirely within the City (Strategy B-7) is made upon application submitted by the Governor on October 19, 1977, pursuant to section 110(c)(5) of the Clean Air Act, as amended.

(37) Revision submitted on August 24, 1977, by the New York State Department of Environmental Conservation which grants a "special limitation" under Part 225. This "special limitation" relaxes, until May 31, 1980, the sulfur-in-fuel-oil limitation to 2.8 percent, by weight, for Units 1 through 5 of the Niagara Mohawk Power Corp.'s Oswego facility in Oswego, N.Y.

(38) Revision submitted on September 22, 1977 by the New York State Department of Environmental Conservation which grants a "special limitation" under Part 225. This "special limitation" relaxes, until October 31, 1980, the sulfur-in-coal limitation to 2.8 pounds of sulfur per million Btu, gross heat content, at the Rochester Gas and Electric Corp.'s Beebee generating station, Unit 12, in Rochester, N.Y.

(39) Revision submitted on May 6, 1977 and August 1, 1977, by the New York State Department of Environmental Conservation which grants a "special limitation" under part 225. Only the part of this "special limitation" which relaxes, until July 31, 1980, the sulfur-in-fuel-oil limitation to 1 percent sulfur, by weight, at the village of Freeport plant No. 2 generating facility, units 1 and 2, located in Nassau County, N.Y., is approved.

(40) A document entitled, "New York State Air Quality Implementation Plan—Syracuse Area," submitted on March 19, 1979 by the New York State Department of Environmental Conservation.

(41) A document entitled, "New York State Air Quality Implementation Plan—Southern Tier (Binghamton, Elmira-Corning, Jamestown)," submitted on April 5, 1979 by the New York State Department of Environmental Conservation, only insofar as it deals with attainment of the national ambient air quality standards for particulate matter.

(42) A document entitled, "New York State Air Quality Implementation Plan—Rochester Area," submitted on April 5, 1979 by the New York State Department of Environmental Conservation.

(43) A document entitled, "New York State Air Quality Implementation Plan—Capital District and Town of Catskill," submitted on March 19, 1979 by the New York State Department of Environmental Conservation.

(44) Supplementary submittals of SIP revision information from the New York State Department of Environmental Conservation, insofar as they deal with all provisions except those for attainment of particulate matter standards in the Niagara Frontier Air Quality Control Region, dated:

(i) May 23, 1979, dealing with new source review and growth tracking provisions, adoption of proposed regulations, schedule for hydrocarbon emissions inventory improvements, identification of resources necessary to carry out the SIP, schedule for development of a public participation program, schedule for development of transportation planning process improvements, the need for an 18-month extension for the City of Syracuse and Village of Solvay, demonstration of control strategy adequacy for the area addressed by the Capital District and Town of Catskill plan revision document, compliance schedules for two facilities in the Hudson Valley Air Quality Control Region, and development of a local government consultation program in Jamestown, New York.

(ii) May 31, 1979, dealing with adoption of proposed regulations, hydrocarbon emission inventory improvements, schedule for development of transportation planning process improvements, and compliance schedules for two facilities in the Hudson Valley Air Quality Control Region.

(iii) June 12, 1979, providing a final draft of the proposed regulations, information on the compliance schedule for a facility in the Hudson Valley Air Quality Control Region, and general information on development of compliance schedules. The proposed regulations to be incorporated in Title 6 of the New York Code of Rules and Regulations are as follows:

(A) Part 200, General Provisions (revision);

(B) Part 211, General Prohibitions (revision);

(C) Part 212, Process and Exhaust and/or Ventilation Systems (revision);

(D) Part 223, Petroleum Refineries (revision);

(E) Part 226, Solvent Metal Cleaning Processes (new);

(F) Part 228, Surface Coating Processes (new);

(G) Part 229, Gasoline Storage and Transfer (new); and

(H) Part 231, Major Facilities.

(iv) June 18, 1979, dealing with new source review provisions, general information on development of compliance schedules, and adoption of proposed regulations.

(v) August 10, 1979, providing a comprehensive set of adopted regulations.

(vi) September 26, 1979, providing additional information regarding the EPA notice of proposed rulemaking (44 FR 44556, July 30, 1979) which deals with the adoption of regulations for control of volatile organic compound sources for source categories addressed by Control Technology Guideline documents issued subsequent to December 1977, regulatory revisions to 6 NYCRR Parts 211 and 229, the transportation planning process, emissions inventory improvements, new source review procedures, public participation and local government consultation programs, and adoption of regulations.

(vii) October 1, 1979, dealing with new source review procedures.

(viii) November 13, 1979, providing a "declaratory ruling" regarding interpretation of the provisions of 6 NYCRR Part 231 in implementing the new source review program.

(ix) November 14, 1979, providing supplemental documentation on the administrative process of revising regulations.

(x) February 20, 1980, dealing with public hearings to revise Parts 229 and 231 of 6 NYCRR consistent with corrective action indicated by EPA.

(45) Revision submitted on October 24, 1979 by the New York State Department of Environmental Conservation which grants a "special limitation" under Part 225. This "special limitation" relaxes, until (three years from the date of publication), the sulfur in fuel oil limitation to 1.0 percent, by weight, for the Long Island Lighting Company's Glenwood Generating Station (Units 4 and 5), and 1.54 percent, by weight, for its E. F. Barrett Generating Station (Units 1 and 2).

(46) Five documents entitled: (i) Volume I—New York State Air Quality Implementation Plan for Control of Carbon Monoxide and Hydrocarbons in the New York City Metropolitan Area.

(ii) Volume II—Detailed Descriptions of Reasonably Available Control Measures.

(iii) Volume III—Air Quality and Emission Inventory.

(iv) Volume IV—Public Participation.

(v) Total Suspended Particulates Secondary Standard: New York City Extension Request.

submitted on May 24, 1979 by the New York State Department of Environmental Conservation.

(47) A document entitled, "New York State Air Quality Implementation Plan—Statewide Summary and Program," submitted on September 10, 1979 by the New York State Department of Environmental Conservation.

(48) Supplementary submittals of information from the New York State Department of Environmental Conservation regarding the New Jersey-New York-Connecticut Air Quality Control Region SIP revisions, dated:

(i) June 26, 1979, dealing with control of storage tanks at gasoline stations in Nassau, Rockland, Suffolk, and Westchester Counties.

(ii) July 30, 1979, dealing with new source review provisions for major sources of volatile organic compounds.

(iii) August 20, 1979, providing a commitment to meet "annual reporting requirements."

(iv) January 11, 1980, dealing with changes to the State's schedule for implementing a light duty vehicle inspection and maintenance program.

(v) March 12, 1980, providing a memorandum of understanding among the New York State Department of Environmental Conservation, New York State Department of Transportation, and the Tri-State Regional Planning Commission.

(49) Supplementary submittals of information from the Governor's Office regarding the New Jersey-New York-Connecticut Air Quality Control Region SIP revision, dated:

(i) August 6, 1979, dealing with the status of efforts to develop necessary legislation for implementing a light duty vehicle inspection and maintenance program.

(ii) November 5, 1979, providing the State's legal authority and a schedule for implementing a light duty vehicle inspection and maintenance program.

(iii) February 6, 1980, committing to providing additional information on systematic studies of transportation measures, committing to clarification of SIP commitments, and providing additional information on the State's light duty vehicle inspection and maintenance program.

(50) Supplementary information, submitted by the New York State Department of Transportation on October 17, 1979, providing clarification to "reasonably available control measures" commitments contained in the New Jersey-New York-Connecticut Air Quality Control Region SIP revision.

(51) Revision submitted on January 29, 1980 by the New York State Department of Environmental Conservation which grants a "special limitation" under 6 NYCRR Part 225. This "special limitation" relaxes, until [three years from the date of publication], the sulfur-in-fuel-oil limitation to 0.60 percent, by weight, for Orange and Rockland Utilities', Inc. Bowline Point Generating Station, units 1 and 2, Haverstraw, New York.

(52) Revisions to Parts 229 and 231 of Title 6, New York Code of Rules and Regulations, submitted on May 1, 1980 by the New York State Department of Environmental Conservation.

(53) Revision submitted on November 29, 1980 by the New York State Department of Environmental Conservation which grants a "special limitation" under 6 NYCRR Part 225. This "special limitation" relaxes, until one year from [the date of publication], the sulfur-in-fuel-oil limitation to 1.5 percent, by weight, for the Consolidated Edison Company of New York, Inc. Arthur Kill generating facility, units 2 and 3, Staten Island, New York and Ravenswood generating facility, unit 3, Queens, New York.

(54) A document entitled, "New York State Air Quality Implementation Plan—Niagara Frontier, Erie and Niagara Counties," submitted on May 31, 1979 by the New York State Department of Environmental Conservation. The administrative orders for Bethlehem Steel Corporation, referenced by this document, are not being incorporated as part of the plan.

(55) A supplemental submittal, dated May 21, 1980, from the New York State Department of Environmental Conservation which includes three listings of permanent projects, demonstration projects and transportation related studies committed to in the non-public transit portion of the plan for the New York City metropolitan area.

(56) Revision submitted on October 31, 1979 and supplemented on April 28, 1980 and May 20, 1980 by the New York State Department of Environmental Conservation which grants a "special limitation" under 6 NYCRR Part 225. This "special limitation" relaxes to 2.8 percent, by weight, until December 31, 1982, the sulfur-in-fuel-oil limitation applicable to fuel burning sources which have a capacity less than 250 million BTU per hour and which are located in:

(i) The Southern Tier East Air Quality Control Region (AQCR), with the exception of all sources in Broome County.

(ii) The Central New York AQCR, with the exception of the Oswego Facilities Trust Company in Oswego County and all sources in Onondaga County.

(iii) The Champlain Valley (Northern) AQCR, with the exception of all sources in the City of Glens Falls and sources in the Town of Queensbury which have a total heat input greater than 100 million BTU per hour.

(57) A supplemental submittal, dated July 2, 1980, from the New York State Department of Environmental Conservation which included criteria and procedures for making assessments of the consistency and conformity of the outputs of the transportation planning process with the SIP.

(58) Revision submitted on September 17, 1980 by the New York State Department of Environmental Conservation which grants a "special limitation" under 6 NYCRR Part 225. This "special limitation" relaxes to 2.8 percent, by weight, until three years from March 19, 1981, the sulfur-in-fuel oil limitation applicable to unit 5 of Niagara Mohawk Power Corporation's Oswego generating facility, located in Oswego County.

(59) Supplemental information to "New York State Air Quality Implementation Plan—Statewide Summary and Program," June 1979, submitted on December 18, 1980 by the New York State Department of Environmental Conservation dealing with provisions which commit the State to meet the Subpart C requirements of 40 CFR Part 58 pertaining to State and Local Air Monitoring Stations (SLAMS) including the air quality assurance requirements of Appendix A, the monitoring methodologies of Appendix C, the network design criteria of Appendix D and the probe siting criteria of Appendix E.

(60) A supplemental submittal, dated July 28, 1980 from the New York State Department of Environmental Conservation which includes:

—Key milestones associated with projects relating to transportation control measures which are part of the SIP;

—An improved program of study for the broader application of certain transportation control measures, and supplemental information on existing studies;

—Additional documentation necessary to determine the reasonableness of the measure, "Controls on Extended Vehicle Idling;"

—Criteria and procedures for making changes to transportation projects contained in the SIP;

—Criteria and procedures for making changes to transportation studies contained in the SIP; and

—The identification of the resources necessary to carry out the tranportation planning process and certain transportation elements of the SIP.

(61) A supplemental submittal entitled "New York State Air Quality Implementation Plan, the Moynihan/Holtzman Amendment Submission: Transit Improvements in the New York City Metropolitan Area, May 1979," submitted on May 24, 1979 by the New York State Department of Environmental Conservation.

(62) [Reserved]

(63) Revision submitted on April 29, 1980 by the New York State Department of Environmental Conservation which grants a "special limitation" establishing, until three years from September 24, 1981, a sulfur-in-fuel-oil limitation of 2.8 percent, by weight, for the Long Island Lighting Company's Northport generating facility, units 1, 2 and 3 and the Port Jefferson generating facility, units 3 and 4.

(64) Revision submitted on August 7, 1981 by the New York State Department of Environmental Conservation which grants a "special limitation" to relax to 1.5 percent, by weight, for up to two years from February 22, 1982, the sulfur-in-fuel oil limitation applicable to units 2 and 3 of Consolidated Edison of New York State, Inc.'s Arthur Kill generating facility and to unit 3 of its Ravenswood generating facility, all located in New York City.

(65) Revision submitted on January 8, 1982 by the New York State Department of Environmental Conservation which grants a "special limitation" to relax to 2.8 percent, by weight, for up to three years from March 5, 1982, the sulfur-in-fuel oil limitation applicable to the General Electric Company's Rotterdam Steam Generating Facility located in Schenectady, New York.

(Secs. 110, 126(a), 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7426(a), 7427(a), 7502, and 7601))

[37 FR 10882, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1670, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1671 Classification of regions.

The New York plans were evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Niagara Frontier Intrastate	I	I	III	III	I
Champlain Valley Interstate	II	II	III	III	III
Central New York Intrastate	I	II	III	I	I
Genesee-Finger Lakes Intrastate	II	II	III	III	I
Hudson Valley Intrastate	I	II	III	III	III
Southern Tier East Intrastate	II	II	III	III	III
Southern Tier West Intrastate	II	II	III	III	III
New Jersey-New York-Connecticut Interstate	I	I	I	I	I

[37 FR 10882, May 31, 1972, as amended at 39 FR 16347, May 8, 1974]

§ 52.1672 Extensions.

(a) The Administrator hereby extends for 18 months (until July 1, 1980) the statutory timetable for submission of New York's plan for attainment and maintenance of the secondary standards for particulate matter in the Village of Solvay and areas of the City of Syracuse and the City of New York.

(b) The Administrator hereby extends the statutory deadline for attainment of carbon monoxide and ozone national ambient air quality standards in the New Jersey-New York-Connecticut Air Quality Control Region to December 31, 1987. Specific attainment dates shall be defined, as applicable, in the plan revision to be submitted by July 1, 1982.

(Secs. 110, 172, and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[45 FR 33993, May 21, 1980]

§ 52.1673 Approval status.

With the exceptions set forth in this subpart, the Administrator approves New York's plan for the attainment and maintenance of the national standards under section 110(a)(2) of the Clean Air Act. Furthermore, the Administrator finds that the plan satisfies all requirements of Part D, Title I of the Clean Air Act, as amended in 1977, except as noted in § 52.1674, and the provisions of the plan for the Niagara Frontier Air Quality Control Region addressing attainment of particulate matter standards. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by January 1, 1981 for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(Secs. 110, 172, and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[46 FR 44982, Sept. 9, 1981]

§ 52.1674 Part D—Conditions on approval.

The following actions must be carried out by the State for correction of unfulfilled requirements of Part D of the Clean Air Act:

(a) The following conditions shall be applicable to the New York State plan with regard to its provisions for attainment of the ozone standard in those areas of the Central, Genesee Finger Lakes, Hudson Valley, Niagara Frontier and New Jersey-New York-Connecticut Air Quality Control Regions designated as nonattainment for this pollutant in § 81.333 of this chapter, when last revised.

(1) On or before May 1, 1981 the State shall submit to EPA either acceptable justification for retaining the provisions of 6 NYCRR Part 211, "General Prohibitions," which exempt from control cutback asphalt used in the manufacture of asphalt emulsions with low volatile organic compound content or an adopted revised regulation which corrects this apparent deficiency.

(b) [Reserved]

(c) The following condition shall be applicable to the New York State plan with regard to its provisions for attainment of the ozone and particulate matter standards in those areas of the Central and Hudson Valley Air Quality Control Regions, the ozone and sulfur dioxide standards in those areas of the Niagara Frontier Air Quality Control Region, the particulate matter standard in those areas of the Southern Tier West Air Quality Control Region, and the ozone standard in those areas of the Genesee Finger Lakes Air Quality Control Region designated as nonattainment for each of these pollutants in § 81.333 of this chapter, when last revised.

(1) On or before July 1, 1981, the State must submit to EPA additional emissions inventory data for the baseline year and projected attainment year indicated in each SIP revision document. Such data shall be in a format equivalent to that presented in the EPA document, *Workshop on Requirements for Nonattainment Area Plans,* April 1978 and shall be generated, in part, as a result of the emissions inventory improvement programs identified in the plans.

(d) The following conditions shall be applicable to the New York State plan with regard to its provisions for attainment of the ozone, carbon monoxide, and particulate matter standards in those areas of the Central and Hudson Valley Air Quality Control Regions, the ozone and carbon monoxide standards in those areas of the Genesee Finger Lakes and New Jersey-New York-Connecticut Air Quality Control Regions, and the particulate matter standard in those areas of the Southern Tier West Air Quality Control Region designated as nonattainment for each of these pollutants in § 81.333 of this chapter, when last revised.

(e) [Reserved]

(f) The following condition shall be applicable to the New York State plan with regard to its provisions for attainment of the ozone standard in those areas of the New Jersey-New York-Connecticut Air Quality Control Region designated as nonattainment for this pollutant in § 81.333 of this chapter, when last revised.

(1) [Reserved]

(2) On or before January 1, 1981 the State must submit to EPA an organic compound emissions inventory of sufficient comprehensiveness and quality to meet the requirements specified by EPA.

(g) The following conditions shall be applicable to the New York State plan with regard to its provisions for attainment of the sulfur dioxide standards in those areas of the Niagara Frontier Air Quality Control Region designated as nonattainment for this pollutant in § 81.333 of this chapter, when last revised.

(1) On or before January 1, 1981 the State must submit to EPA adequate test procedures for determining the compliance of coke making equipment with the sulfur compound mass emission standard contained in Part 214.

(2) On or before January 1, 1981 the State must revise § 200.1(j), "Byproduct coke oven battery," to provide for an acceptable definition of coke oven batteries.

(Secs. 110, 172, and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[45 FR 7812, Feb. 5, 1980, as amended at 45 FR 21634, Apr. 2, 1980; 45 FR 33993, May 21, 1980; 45 FR 44275, July 1, 1980; 45 FR 74478, Nov. 10, 1980; 46 FR 17557, Mar. 19, 1981; 46 FR 28157, May 26, 1981]

§ 52.1675 Control strategy and regulations: Sulfur oxides.

(a)-(c) [Reserved]

(d) Section 225.3(e) of subchapter A, chapter III, title 6 of New York State's Official Compilation of Codes, Rules and Regulations, is disapproved since it does not provide for the type of permanent control necessary to assure attainment and maintenance of national standards.

(e) Any special limitation promulgated by the Commissioner under 6 NYCRR section 225.2(b) and (c), any exception issued by the Commissioner under 6 NYCRR section 225.3, and any permission issued by the Commissioner under 6 NYCRR section 225.5(c) shall not exempt any person from the requirements otherwise imposed by 6 NYCRR Part 225; provided that the Administrator may approve such special limitation, exception or permission as a plan revision when the provisions of this Part, section 110 (a)(3)(A) of the Act, and 40 CFR, Part 51 (relating to approval of and revisions to State implementation plans) have been satisfied with respect to such special limitation, exception or permission.

(f) *Temporary Fuel Variances.*

Source	Location	Regulation involved	Date of adoption	Effective date	Termination date
(i) Fuel oil:					
Northville Industries Corp	Suffolk County	Part 225	Oct. 26, 1973	Immediately	Jan. 15, 1974.
Consolidated Edison Plants	New York City	Part 225	Nov. 27, 1973	do	Mar. 31, 1974.
Orange & Rockland Utilities Inc.	Rockland County.	Part 225	Jan. 31, 1974	do	Apr. 30, 1974.
(ii) Coal:					
Arthur Kill Plant, Consolidated Edison.	New York City	Part 225	Nov. 27, 1973	do	Mar. 31, 1974.
Lovett Plant (Units 4 & 5), Orange & Rockland Utilities.	Rockland County.	Part 225	Jan. 31, 1974	do	Apr. 30, 1974.

(g) The following applies to the Environmental Protection Agency's approval as a SIP revision of the "special limitation" promulgated by the Commissioner of the New York State Department of Environmental Conservation on November 20, 1979 permitting the purchase and use by the Consolidated Edison Company of New York, Inc. of fuel oil with a maximum sulfur content of 1.5 percent, by weight, at units 2 and 3 of its Arthur Kill generating facility on Staten Island, New York and unit 3 of its Ravenswood generating station in Queens, New York:

(1) On or before the "Date of Conversion" indicated below, each "Facility" indicated below shall combust only natural gas for the duration of the special limitation.

1. City College of New York, Amsterdam Ave. Between W. 135th St. and W. 138th St., Manhattan—

North Campus Academic Center: Converted North Campus Main Boiler (Compton Hall): Two boilers shut-down: One boiler converted;

South Campus—Boiler Plant: Converted;

North Campus Science and Physical Education Building: October 1, 1980.

2. Harlem Hospital, 135th St. and Lenox Ave., Manhattan: April 1, 1981;

3. Columbia University, 116th St. and Broadway, Manhattan: Converted;

4. New York City Housing Auth., Senator Robert F. Wagner Houses, 23-96 First Ave.: October 1, 1980;

5. New York City Housing Auth., Frederick Douglass Houses, 880 Columbus Ave., Manhattan: October 1, 1980;

6. New York City Housing Auth., Manhattanville Houses, 549 W. 126th St., Manhattan: October 1, 1980;

7. New York City Housing Auth., St. Nicholas Houses, 215 W. 127th St.: October 1, 1980;

8. New York City Housing Auth., General Grant Houses, 1320 Amsterdam Ave., Manhattan: October 1, 1980;

9. New York City Housing Auth., Harlem River Houses, 211-0-1 W. 151st Street, Manhattan: October 1, 1980;

10. New York City Housing Auth., Martin Luther King Towers, 90 Lenox Ave., Manhattan: October 1, 1980;

11. New York City Housing Auth., Drew Hamilton Houses, 210 W. 142nd Street, Manhattan: October 1, 1980.

(2) If any of the facilities identified in paragraph (g)(1) of this section, fail to meet the requirements of that paragraph, the Consolidated Edison Company shall not burn fuel oil with a sulfur content in excess of 0.30 percent, by weight. For this purpose, Consolidated Edison shall maintain a reserve supply of fuel oil with a maxi-

mum sulfur content of 0.30 percent, by weight, and shall have a mechanism to switch promptly to the use of such fuel oil.

(3) EPA's approval of this revision to the New York SIP will extend for a period of twelve months from [August 11, 1980] or such longer period limited to twelve months from the date on which fuel oil with a sulfur content exceeding 0.30 percent, by weight, is first burned at any of the affected Consolidated Edison facilities. However, once the use of high sulfur fuel oil has commenced, failure to meet any of the conversion dates specified in paragraph (g)(1) of this section shall not extend the period of EPA approval.

(4) On or before July 1, 1981 the Consolidated Edison Company of New York, Inc. shall displace the use of approximately 7.1 million gallons of residual oil, as projected on an annual basis, through a gas conversion program to be implemented within a two-mile radius of the Mabel Dean Bacon High School Annex monitor. Beginning on the first day of the month in which fuel oil with a sulfur content exceeding 0.30 percent, by weight, is first burned at any of the affected Consolidated Edison facilities and continuing for twelve months thereafter, the Consolidated Edison Company of New York, Inc. shall submit a report to the EPA, on a monthly basis, which includes, but is not limited to, the following information regarding this program:

(i) The total gallonage of fuel oil capacity converted (projected to an annual amount) as of that date,

(ii) The potential gallonage from sources at which conversion work has begun, and

(iii) The projected gallonage from sources expected to be converted by July 1, 1981.

(Secs. 110 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7601))

[37 FR 19815, Sept. 22, 1972, as amended at 38 FR 31296, Nov. 13, 1973; 39 FR 1441, Jan. 9, 1974; 39 FR 9666, Mar. 13, 1974; 39 FR 30038, Aug. 20, 1974; 40 FR 23745, June 2, 1975; 45 FR 53144, Aug. 11, 1980]

§ 52.1676 Control strategy: Nitrogen dioxide.

(a) The requirements of § 51.14(c)(3) of this chapter are not met since the plans do not provide for the degree of nitrogen oxides emission reduction attainable through the application of reasonably available control technology in the New York portion of the New Jersey-New York-Connecticut Interstate Region.

(b) Section 227.5(b) of 6 NYCRR, as submitted on August 10, 1979, is disapproved because it is inconsistent with 40 CFR 51.14, Control strategy: Carbon monoxide, hydrocarbons, ozone, and nitrogen dioxide.

(Secs. 110 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410 and 7601))

[37 FR 19815, Sept. 22, 1972, as amended at 39 FR 16347, May 8, 1974; 46 FR 55693, Nov. 12, 1981]

§ 52.1677 Compliance schedules.

(a) The requirements of § 51.15(b) of this chapter are not met since the compliance schedule for part 220 of subchapter A, chapter III, title 6 of New York State's Official Compilation of Codes, Rules and Regulations, does not provide for attainment and maintenance of the national standards for particulate matter by the dates required by the Act.

(b) The requirements of § 51.15(c) of this chapter are not met since sections 223.1(a), 225.3(c), and 230.2(d) of subchapter A, chapter III, title 6 of New York State's Official Compilation of Codes, Rules and Regulations do not require the reporting of periodic increments of progress toward compliance by affected sources or categories of sources.

(c) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(d) *Federal compliance schedules.* (1) The owner or operator of any boiler or furnace of more than 250 million Btu per hour heat input subject to the requirements of section 225.3(c) of subchapter A, chapter III, title 6 of New York State's official compilation of codes, rules, and regulations shall notify the Administrator, no later than October 1, 1973, of his intent to utilize either low-sulfur fuel or stack gas desulfurization to meet the requirements of said regulation.

(2) Any owner or operator of a stationary source subject to paragraph (d)(1) of this section who elects low-sulfur fuel shall be subject to the following compliance schedule:

(i) November 1, 1973—Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with section 225.3(c) of the codes, rules, and regulations cited in paragraph (d)(1) of this section on June 30, 1975, and October 1, 1975, respectively, and for at least one year thereafter.

(ii) December 31, 1973—Sign contracts with fuel suppliers for fuel requirements as projected above.

(iii) January 31, 1974—Submit a statement as to whether boiler modifications will be required. If modifications will be required, submit plans for such modifications.

(iv) March 15, 1974—Let contracts for necessary boiler modifications, if applicable.

(v) June 15, 1974—Initiate onsite modifications, if applicable.

(vi) February 28, 1975—Complete onsite modifications, if applicable.

(vii) (*a*) June 30, 1975—Final compliance with the low-sulfur fuel require ments of section 225.3(c) of subchapter A, chapter III, title 6 of New York State's official compilation of codes, rules, and regulations.

(*b*) October 1, 1975—Final compliance with the low-sulfur fuel requirements of subchapter A, chapter III, title 6 of New York State's official compilation of codes, rules, and regulations.

(3) Any owner or operator of a stationary source subject to paragraph (d)(1) of this section who elects to utilize stack gas desulfurization shall be subject to the following compliance schedule:

(i) November 1, 1973—Let necessary contracts for construction.

(ii) March 31, 1974—Initiate onsite construction.

(iii) February 28, 1975—Complete onsite construction.

(iv) (*a*) June 30, 1975—Final compliance with the requirements of section 225.3(c) of subchapter A, chapter III, title 6 of New York State's official compilation of codes, rules, and regulations.

(*b*) October 1, 1975—Final compliance with the requirements of subchapter A, title 6 of New York State's official compilation of codes, rules, and regulations.

(v) If a performance test is necessary for a determination as to whether compliance with subpart (3)(iv)(a) or (b) has been achieved, such a test must be completed by June 30, 1975, or October 1, 1975, respectively. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(4) The owner or operator of any boiler or furnace of more than 250 million Btu per hour heat input subject to the requirement of section 230.2(d) of subchapter A, chapter III, title 6 of the New York State's official compilation of codes, rules, and regulations shall notify the Administrator no later than October 1, 1973, of his intent to utilize either low-sulfur fuel or stack gas desulfurization to meet the requirements of said regulation.

(5) Any owner or operator of a stationary source subject to paragraph (d)(4) of this section who elects low-sulfur fuel shall be subject to the following compliance schedule:

(i) November 1, 1973—Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with section 230.2(d) of the codes, rules, and regulations cited in paragraph (4) of this paragraph (d) on October 1, 1974, and for at least one year thereafter.

(ii) December 31, 1973—Sign contracts with fuel suppliers for fuel requirements as projected above.

(iii) January 31, 1974—Submit a statement as to whether boiler modifications will be required. If modifications will be required, submit plans for such modifications.

(iv) March 15, 1974—Let contracts for necessary boiler modifications, if applicable.

(v) June 15, 1974—Initiate onsite modifications, if applicable.

(vi) September 3, 1974—Complete onsite modifications, if applicable.

(vii) October 1, 1974—Final compliance with the low-sulfur fuel requirements of section 230.2(d) of subchapter A, chapter III, title 6 of New York State's official compilation of codes, rules, and regulations.

(6) Any owner or operator of a stationary source subject to paragraph (d)(5) of this section who elects to utilize stack gas desulfurization shall be subject to the following compliance schedule:

(i) November 1, 1973—Let necessary contracts for construction.

(ii) December 31, 1973—Initiate onsite construction.

(iii) September 1, 1974—Complete onsite construction.

(iv) October 1, 1974—Final compliance with the requirements of section 230.2(d) of subchapter A, chapter III, title 6 of New York State's official compilation of codes, rules, and regulations.

(v) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by October 1, 1974. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(7) The owner or operator of any petroleum refinery subject to the requirements of section 223.1(a) of subchapter A, chapter III, title 6 of New York State's official compilation of codes, rules, and regulations shall comply with the compliance schedule in paragraph (d)(8) of this section.

(8) Any owner or operator of a petroleum refinery subject to paragraph (d)(7) of this section shall be subject to the following compliance schedule:

(i) November 1, 1973—Submit final control plan to the Administrator.

(ii) February 28, 1974—Let necessary contracts for construction or installation of emission control equipment.

(iii) June 30, 1974—Initiate onsite construction or installation of emission control equipment.

(iv) November 30, 1974—Complete onsite construction or installation of emission control equipment.

(v) December 31, 1974—Final compliance with the requirements of section 223.1(a) of subchapter A, chapter III, title 6 of New York State's official compilation of codes, rules, and regulations.

(9) The owner or operator of any coke oven battery subject to the requirements of part 214, sections 214.2 and 214.4, of subchapter A, chapter III, title 6 of the New York State's official compilation of codes, rules, and regulations for a facility with an environmental rating B as determined by part 212 of subchapter A, chapter III, title 6 of the New York State official compilation of codes, rules, and regulations, shall comply with the compliance schedule in paragraph (d)(10) of this section.

(10) Any owner or operator of a coke oven battery subject to paragraph (d)(9) of this section shall be subject to the following compliance schedule:

(i) November 1, 1973—Submit final control plan to the Administrator.

(ii) February 1, 1974—Let necessary contract for construction or installation of control equipment.

(iii) April 15, 1974—Initiate onsite construction or installation of control equipment.

(iv) November 30, 1974—Complete onsite construction or installation of control equipment.

(v) December 31, 1974—Final compliance with the requirements of part 214, sections 214.2 and 214.4, of the subchapter A, chapter III, title 6 of the New York State's official compilation of codes, rules, and regulations.

(11) Any owner or operator subject to a compliance schedule above shall certify to the Administrator, within five days after the deadline for each increment of progress in that schedule, whether or not the increment has been met.

(12) (i) None of the above paragraphs shall apply to a source which is presently in compliance with applicable regulations and which has certified such compliance to the Administrator by October 1, 1973. The Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the

Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(13) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraphs (d)(2), (3), (5), (6), (8), and (10) of this section fails to satisfy the requirements of § 51.15(b) and (c) of this chapter.

[37 FR 19815, Sept. 22, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1677, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1678 Control strategy and regulations: Particulate matter.

(a)-(c) [Reserved]

(d) Section 227.3(a)(2) of 6 NYCRR, as submitted on August 10, 1979, is disapproved because it is inconsistent with 40 CFR 51.13, Control strategy: Sulfur oxides and particulate matter.

(Secs. 110 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410 and 7601))

[46 FR 55693, Nov. 12, 1981]

§ 52.1679 EPA-approved New York State regulations.

New York State regulation	State effective date	Latest EPA approval date	Comments
Part 200, General Provisions	8/23/79		
Part 201, Permits and Certificates	3/24/79	11/12/81, 46 FR 55690.	
Part 202, Emissions Testing, Sampling, and Analytical Determinations.	3/24/79	......do	
Part 204, Hydrocarbon Emissions from Storage and Loading Facilities—New York City Metropolitan Area.	8/12/72	9/22/72, 37 FR 19814	
Part 205, Photochemically Reactive Solvents and Solvents from Certain Processes—New York City Metropolitan Area.	8/23/79	5/21/80, 45 FR 33981	
Part 207, Control Measures for an Air Pollution Episode.	3/24/79	11/12/81, 46 FR 55690	
Part 211, General Prohibitions	8/23/79	......do	
Part 212, Process and Exhaust and/or Ventilation Systems.	3/24/79	......do	
Part 213, Contaminant Emissions from Ferrous Jobbing Foundries.	6/27/72	9/22/72, 37 FR 19814	
Part 214, By-Product Coke Oven Batteries	8/12/72	......do	
Part 214, By-Product Coke Oven Batteries (with provisions as noted).	8/23/79		Sections 214.2(a) and 214.2(b)(1) are only incorporated provisionally pending additional RACT evaluation (40 CFR 52.1678 (b)(1) and (b)(2).
Part 216, Iron and/or Steel Processes (with provisions as noted).	8/23/79		Sections 216.1(a), 216.1(b), 216.1(c) and 216.2(c) are only incorporated provisionally pending additional RACT evaluations (40 CFR 52.1678 (b)(3) and (c)).
Part 219, Incinerators	5/1/82	9/22/72, 37 FR 19814	
Part 220, Portland Cement Plants	3/14/73	11/12/81, 46 FR 55690	
Part 222, Incinerators—New York City, Nassau and Westchester Counties	7/17/72	9/22/72, 37 FR 19814	

New York State regulation	State effective date	Latest EPA approval date	Comments
Part 223, Petroleum Refineries	8/23/79	11/10/80, 45 FR 74472	
Part 224, Sulfuric and Nitric Acid Plants	3/15/73	11/12/81, 46 FR 55690	
Part 225, Fuel Composition and Use (except as noted).	3/24/79	......do	Section 225.3(e) is disapproved (40 CFR 52.1675(d). Variances adopted by the State pursuant to Sections 225.2 (b) and (c), 225.3, and 225.5(c) become applicable only if approved by EPA as SIP revisions (40 CFR 52.1675(e)).
Part 226, Solvent Metal Cleaning	8/23/79	11/10/80, 45 FR 74472	
Part 227, Stationary Combustion Installations (except as noted).	3/24/79	11/12/81, 46 FR 55690	Sections 227.3(a)(2), 227.5(b), 227.6(a) and 227.6(f) are disapproved (40 CFR 52.1676(b), 52.1678(d), and 52.1680(a)).
Part 227, Stationary Combustion Installations/Section 227.2(b)(1).	5/1/72	9/22/72, 37 FR 19814	
Part 228, Surface Coating Processes	8/23/79	11/10/80, 45 FR 74472	
Part 229, Petroleum Liquids Storage and Transfer.	6/21/80	7/1/80, 45 FR 44273	
Part 231, Major Facilities	6/21/80	......do	

(Secs. 110, 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[46 FR 55692, Nov. 12, 1981, as amended at 46 FR 62064, Dec. 22, 1981]

§ 52.1680 Control strategy: Monitoring and reporting.

(a) Section 227.6 (a) and (f) are disapproved because they are not consistent with the continuous monitoring and reporting requirements of 40 CFR 51.19(e).

(Secs. 110 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410 and 7601))

[46 FR 55693, Nov. 12, 1981]

§ 52.1681 [Reserved]

§ 52.1682 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information contained in the New York State plan. Further information on the specific boundaries of the "nonattainment" "unclassifiable," and "attainment" areas is found in § 81.333 of this chapter.

Air quality control region and nonattainment area	Pollutants						
	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
New Jersey-New York-Connecticut Interstate:							
City of New York:							
Borough of Manhattan	a	c	a	a	a	d	d
Borough of Bronx (portion)	a	c	a	a	a	d	d
Borough of Brooklyn (portion)	a	c	a	a	a	d	d
Borough of Queens (portion)	a	c	a	a	a	d	d

Air quality control region and nonattainment area	Pollutants						
	TSP		SO₂		NO₂	CO	O₃
	Primary	Secondary	Primary	Secondary			
Borough of Staten Island (portion)	a	*c*	a	a	a	d	d
Remainder of City of New York	a	a	a	a	a	d	d
City of Yonkers	a	a	a	a	a	d	d
City of Mount Vernon	a	a	a	a	a	d	d
County of Nassau (portion)	a	a	a	a	a	d	d
Remainder of AQCR	a	a	a	a	a	a	d
Niagara Frontier Intrastate:							
City of Buffalo (portion)	e	e	b	a	a	b	b
City of Lackawanna (portion)	e	e	b	a	a	a	b
City of Cheektowaga (portion)	e	e	a	a	a	b	b
Town of Amherst (portion)	a	a	a	a	a	b	b
Remainder of AQCR	e	e	a	a	a	a	b
Southern Tier East Interstate	a	a	a	a	a	a	a
Champlain Valley Interstate	a	a	a	a	a	a	a
Southern Tier West Interstate:							
City of Jamestown	a	b	a	a	a	a	a
Remainder of AQCR	a	a	a	a	a	a	a
Genesee Finger Lakes Interstate:							
Monroe County (portion)	a	a	a	a	a	b	b
Remainder of AQCR	a	a	a	a	a	a	b
Central New York Interstate:							
County of Onondaga:							
City of Syracuse (portion)	b	*c*	a	a	a	b	b
Remainder of City of Syracuse	a	b	a	a	a	a	b
Village of Solvay	a	*c*	a	a	a	a	b
Village of East Syracuse	a	b	a	a	a	a	b
Remainder of County	a	a	a	a	a	a	b
County of Cayuga	a	a	a	a	a	a	b
Remainder of AQCR	a	a	a	a	a	a	a
Hudson Valley Interstate:							
County of Albany:							
City of Albany (portion)	a	b	a	a	a	b	b
City of Watervliet	a	a	a	a	a	b	b
Town of Colonie (portion)	a	a	a	a	a	b	b
Remainder of County	a	a	a	a	a	a	b
County of Columbia	a	a	a	a	a	a	b
County of Dutchess	a	a	a	a	a	a	b
County of Greene:							
Town of Catskill (portion)	a	b	a	a	a	a	b
Remainder of County	a	a	a	a	a	a	b
County of Orange	a	a	a	a	a	a	b
County of Putnam	a	a	a	a	a	a	b
County of Rensselaer:							
City of Troy	a	a	a	a	a	b	b
Remainder of County	a	a	a	a	a	a	b
County of Schenectady:							
City of Schenectady	a	a	a	a	a	b	b
Remainder of County	a	a	a	a	a	a	b
County of Ulster	a	a	a	a	a	a	b
County of Saratoga:							
Town of Waterford	a	a	a	a	a	b	b
Town of Clifton Park	a	a	a	a	a	a	b
Town of Halfmoon	a	a	a	a	a	a	b
City of Mechanicville	a	a	a	a	a	a	b
Remainder of AQCR	a	a	a	a	a	a	a

a. Air Quality levels presently attain standards or area is unclassifiable.

b. December 31, 1982.

c. 18-month extension, until July 1, 1980, for plan revision submission granted. The earlier attainment date remains applicable until the plan revision is approved; this date is set out in the 1978 edition of the *Code of Federal Regulations* at 40 CFR Part 52, § 52.1682.

d. December 31, 1987 or such earlier date as defined in plan revision to be submitted by July 1, 1982; extension for plan revision submission granted.

e. Revision of earlier date to be defined at such time as formal action is taken on the plan revision submitted pursuant to Part D requirements of the Clean Air Act, as amended. The earlier attainment date is set out in the 1978 edition of the *Code of Federal Regulations* at 40 CFR Part 52, § 52.1682.

NOTE 1: Footnotes which are underlined are prescribed by the Administrator because plan did not provide a specific date the date provided was not acceptable.

NOTE 2: Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out in the 1978 edition of the *Code of Federal Regulations* at 40 CFR Part 52, § 52.1682.

(Secs. 110, 172, and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[45 FR 7812, Feb. 5, 1980, as amended at 45 FR 33994, May 21, 1980; 45 FR 74478, Nov. 10, 1980]

§§ 52.1683—52.1687 [Reserved]

§ 52.1688 Maintenance of national standards.

(a) The areas listed below which were identified by the State of New York are hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Binghamton Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Broome County (part), Binghamton City, Town of Vestal, Town of Union, Town of Binghamton, Town of Maine, Town of Dickinson, Town of Conklin, Town of Kirkwood, Town of Fenton, Town of Chenago, Tioga County (part), Town of Owego.

(2) New Jersey-New York Interstate Air Quality Maintenance Area (New York Portion).

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, nitrogen dioxide, carbon monoxide, and photochemical oxidants.

(ii) Geographical composition of area:

New York City, Nassau County, Rockland County, Suffolk County, Westchester County.

(3) Niagara Frontier Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Erie County, Niagara County.

(4) Utica-Rome Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Herkimer County, (part), Town of Schuyler, Town of Frankfort. Oneida County, (part), Utica City, Rome City, Town of Lee, Town of Floyd, Town of Kirkland, Town of Trenton, Town of Deerfield, Town of Marcy, Town of Whitestown, Town of Westmoreland, Town of New Hartford, Town of Paris.

(5) Elmira-Corning Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Chemung County (part), Elmira City, Town of Southport, Town of Ashland, Town of Elmira, Town of Horseheads, Town of Big Flats, Steuben County (part), Corning City, Town of Corning, Town of Erwin.

(6) Rochester Air Quality Maintenance Area.

(i) Pollutant for which the area is designated: Particulate matter.

(ii) Geographical composition of area:

Livingston County (part), Town of Caledonia, Town of Avon, Town of Lima, Ontario County (part), Canandaigua City, Town of West Bloomfield.

Town of Victor, Town of East Bloomfield, Town of Farmington, Town of Canandaigua, Monroe County, Wayne County (part), Town of Ontario, Town of Walworth, Town of Macedon.

(7) Jamestown Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Chautauqua County (part), Jamestown City, Town of Chautauqua, Town of North Harmony, Town of Ellery, Town of Busti, Town of Kiantone, Town of Ellicott, Town of Poland.

(8) Syracuse Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Onondaga County.

(9) Capital District Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Albany County, excluding the following: Town of Berne, Town of Knox, Town of Rensselaerville, Town of Westerlo, Montgomery County (part), Amsterdam City, Town of Amsterdam, Rensselaer County, excluding the following: Town of Nassau, Town of Stephentown, Town of Berlin, Town of Petersburg, Town of Grafton, Town of Pittstown, Town of Hoosick, Saratoga County (part), Mechanicville City, Town of Halfmoon, Town of Waterford, Town of Clifton Park, Schenectady County, excluding the following: Town of Duanesburg.

(10) Mid-Hudson Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Dutchess County, excluding the following: Town of Pawling, Town of Dover, Town of Union Vale, Town of Amenia, Town of Washington, Town of Clinton, Town of Stanford, Town of Northeast, Town of Pine Plains, Town of Milan, Orange County, Putnam County.

Ulster County, excluding the following: Town of Woodstock, Town of Shandaken, Town of Hardenburgh, Town of Denning, Town of Olive, Town of Rochester, Town of Wawarsing.

[40 FR 41951, Sept. 9, 1975; 40 FR 45817, Oct. 3, 1975; 40 FR 59729, Dec. 30, 1975]

§ 52.1689 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of New York.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart II—North Carolina

§ 52.1770 Identification of plan.

(a) Title of plan: "The North Carolina State Implementation Plan for Air Quality."

(b) The plan was officially submitted on January 27, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Miscellaneous non-regulatory additions to the plan submitted on May 5, 1972, by the North Carolina Department of Natural and Economic Resources.

(2) Letter indicating procurement of additional monitors submitted on May 9, 1972, by the North Carolina Department of Natural and Economic Resources.

(3) Compliance schedules submitted on February 13, 1973, by the North Carolina Department of Natural and Economic Resources.

(4) Compliance schedules submitted on February 14, 1973, by the North Carolina Department of Natural and Economic Resources.

(5) Compliance schedules submitted on March 2, 1973, by the North Carolina Department of Natural and Economic Resources.

(6) Compliance schedules submitted on April 24, 1973, by the North Caroli-

na Department of Natural and Economic Resources.

(7) Compliance schedules submitted on November 2, 1973, by the North Carolina Department of Natural and Economic Resources.

(8) Indirect source review regulation No. 9 submitted on November 16, 1973, by the North Carolina Department of Natural and Economic Resources.

(9) Compliance schedules submitted on November 20, 1973, by the North Carolina Department of Natural and Economic Resources.

(10) Revisions to indirect source review regulation No. 9 and AQMA identification material submitted on April 1, 1974, by the North Carolina Department of Natural and Economic Resources.

(11) Compliance schedules submitted on May 13, 1974, by the North Carolina Department of Natural and Economic Resources.

(12) Compliance schedules submitted on November 7, 1974, by the North Carolina Department of Natural and Economic Resources.

(13) AQMA identification material submitted on November 22, 1974, by the North Carolina Department of Natural and Economic Resources.

(14) Compliance schedules submitted on November 27, 1974, by the North Carolina Department of Natural and Economic Resources.

(15) Revised ambient SO_2 and NO_2 standards, submitted on March 23, 1976, by the North Carolina Department of Natural and Economic Resources.

(16) Regulations extending visible emissions standard, adopting EPA's New Source Performance Standards (40 CFR Part 60) and revising emission monitoring of stationary sources (40 CFR Part 51.19), submitted June 24, 1976, by North Carolina Department of Natural and Economic Resources.

(17) Letter requesting delegation of Federal authority for the administrative and technical portions of the prevention of significant deterioration program, submitted on June 24, 1976, by the Secretary of the North Carolina Department of Natural and Economic Resources.

(18) Miscellaneous plan revisions, submitted on November 1, 1976, by the North Carolina Department of Natural and Economic Resources.

(19) Regulations governing emissions of sulfur dioxide from the roasting of spodumene ore, submitted on February 14, 1978, by the North Carolina Department of Natural Resources and Community Development.

(20) Request for an 18-month extension of the statutory timetable for submitting a plan to attain and maintain the secondary ambient standard for particulate matter in the Spruce Pine nonattainment area, submitted on February 1, 1979, by the North Carolina Department of Natural Resources and Community Development.

(21) 1979 implementation plan revisions for the Mecklenburg County ozone and carbon monoxide nonattainment areas, including regulations 2D.0901-.0931 and 2H.0608, adopted on June 14, 1979, and submitted on June 15 and July 25, 1979, by the North Carolina Department of Natural Resources and Community Development.

(22) Three-year variance for the coal-fired units of Duke Power Company and Carolina Power & Light Company from the particulate emission limits of Regulation 15 N.C.A.C. 2D.0503, with submittals on June 18, September 7, October 31, and December 14, 1979, by the North Carolina Department of Natural Resources and Community Development.

(23) Revised regulations 2D.0903 and 2D.0931, adopted on April 10, 1980, and submitted on May 2, 1980, by the North Carolina Department of Natural Resources and Community Development to correct deficiencies in the Part D ozone revisions given conditional approval on April 17, 1980.

(24) Corrections in Part D carbon monoxide revisions conditionally approved on April 17, 1980, submitted on May 22 (this submittal included Regulation 2H.0608(g)), July 1, and August 19, 1980, by the North Carolina Department of Natural Resources and Community Development.

(25) Miscellaneous revisions submitted on June 15, 1979 (provisions for interstate pollution abatement to satisfy section 126(a) of the Clean Air Act, and revised ambient standard for

ozone), and on May 2, 1980 (revision of regulations 2D.0302, .0501, .0524, .0525, and .0603, addition of regulation 2H.0603(f), ambient standard for airborne lead, and provision for public participation to satisfy section 127(a) of the Clean Air Act), by the North Carolina Department of Natural Resources and Community Development.

(26) Revisions of Section VI, Air Quality Surveillance, of the plan, submitted on August 19, 1980, by the North Carolina Department of Natural Resources and Community Development.

(27) Opacity limits for existing kraft pulp mill recovery furnaces (regulation 2D .0508(b)) and revised opacity limitations for other sources (revised regulation 2D .0521), submitted on March 22, 1977, and on April 19, 1978, by the North Carolina Department of Natural Resources and Community Development.

(28) Revisions in VOC regulations 2D.0902, .0903, .0905, .0907-.0912, and new VOC regulations 2D.0932-.0942, submitted on June 23, 1980, and revised regulation 2D.0936, submitted on April 29, 1981, by the North Carolina Department of Natural Resources and Community Development.

(29) Implementation plan for lead, submitted on May 2, 1980, by the North Carolina Department of Natural Resources and Community Development.

(30) Regulation 2D.0530, providing for prevention of significant deterioration, submitted on April 16, 1981, by the North Carolina Department of Natural Resources and Community Development.

(Secs. 110(a), 126(a), 161, and 172, Clean Air Act (42 U.S.C. 7410(a), 7426(a), 7427(a), 7471 and 7502))

[37 FR 10884, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1770, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1771 Classification of regions.

The North Carolina plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Western Mountain Intrastate	I	III	III	III	III
Eastern Mountain Intrastate	I	III	III	III	III
Metropolitan Charlotte Interstate	I	II	III	III	I
Northern Piedmont Intrastate	I	III	III	III	III
Eastern Piedmont Intrastate	I	III	III	III	III
Northern Coastal Intrastate	I	III	III	III	III
Southern Coastal Intrastate	II	III	III	III	III
Sandhills Intrastate	II	III	III	III	III

[37 FR 10884, May 31, 1972]

§ 52.1772 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves North Carolina's plans for the attainment and maintenance of the national standards under 110 of the Clean Air Act. Furthermore, the Administrator finds the plans satisfy all requirements of Part D, Title I of the Clean Air Act as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(b) New Source review permits issued pursuant to section 173 of the Clean Air Act will not be deemed valid by EPA unless the provisions of Section V of the Emission Offset (Interpretative Rule) published on January 16, 1979 (44 FR 3274) are met.

(Secs. 110 and 172 of the Clean Air Act (42 U.S.C. 7410 and 7502))

[45 FR 26043, Apr. 17, 1980]

§ 52.1773 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in North Carolina's plan.

Air quality control region and nonattainment area	Pollutant						
	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Western Mountain Intrastate	c	c	b	b	b	b	b
Eastern Mountain Intrastate:							
a. Spruce Pine area [1]	a	f	b	b	b	b	b
b. Rest of AQCR	b	b	b	b	b	b	b
Metropolitan Charlotte Interstate:							
a. Mecklenburg County [1]	c	c	c	c	b	e	d
b. Rest of AQCR	c	c	c	c	b	b	c
Northern Piedmont Intrastate	c	c	b	b	b	b	b
Eastern Piedmont Intrastate	c	c	b	b	b	b	b
Northern Coastal Plain Intrastate	c	c	b	b	b	b	b
Southern Coastal Plain Intrastate	b	c	b	b	b	b	b
Sandhills Intrastate	b	c	b	b	b	b	b

[1] See § 81.334 of this chapter.

a. Air quality levels presently below primary standards or area is unclassifiable.
b. Air quality levels presently below secondary standards or area is unclassifiable.
c. July, 1975.
d. December 31, 1982.
e. December 31, 1987.
f. 18-month extension granted.

NOTE: Sources subject to plan requirements and attainment dates established under section 110 (a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR Part 52 (1978 edition).

(Secs. 110 and 172 of the Clean Air Act (42 U.S.C. 7410 and 7502))

[45 FR 26043, Apr. 17, 1980]

§ 52.1774 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.6 and § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State.

NORTH CAROLINA

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
ALAMANCE COUNTY						
Acme Feed Mills, Inc	Burlington	T-2035	II-2.2 IV-2.30	Jan. 5, 1973	Immediately	Oct. 31, 1973.
Alamance County Hospital, Inc.	do	T-2032	II-2.2 IV-1.30	do	do	June 1, 1973.
Alamance Knit Fabrics	do	T-2222	II-2.2 IV-2.60	June 27, 1973	do	Feb. 20, 1974.
Alamance Ready-Mix Concrete, Inc.	Graham	T-1951	II-2.2 IV-1.90 IV-2.30	Dec. 13, 1972	do	Oct. 31, 1973.
Burlington City Board of Education:						
(a) Forest Hill Elementary School.	Burlington	T-1108	II-2.2 IV-1.10	May 13, 1971	do	Sept. 30, 1973.
(b) Glenhope Elementary School.	do	T-1109	II-2.2 IV-1.10	do	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Burlington Industries, Mayfair Plant.	do	T-2449	II-2.2 IV-2.30	Mar. 18, 1974	do	Mar. 31, 1975.
Cone Mills Corp.: Granite Plant.	Haw River	T-2235	II-2.2 IV-1.10 IV-2.40	June 27, 1973	do	Sept. 1, 1974.
Tarbardrey Plant	do	T-2237	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Copland Fabrics, Inc., and Copland, Inc.	Burlington	T-1924	II-2.2 II-5.2 IV-2.30	Dec. 11, 1972	do	June 1, 1973.
Craftique, Inc	Mebane	T-1790	II-2.2 IV-1.10 IV-2.40	Aug. 23, 1972	do	Nov. 30, 1973.
Dan River, Inc., Webco Knit Division.	Burlington	T-2248	II-2.2 II-5.2 IV-2.30	June 27, 1973	do	Feb. 28, 1974.
Electric Equipment Sales & Service, Inc.	do	T-621	II-1.3 II-2.2	Mar. 18, 1971	do	Apr. 30, 1973.
Glen Raven Mills: Altamahaw Division.	Altamahaw	T-2234	II-2.2 IV-1.10	June 27, 1973	do	Oct. 22, 1973.
Heritage Casket Co	Burlington	T-2155	II-5.2 IV-2.60	Mar. 2, 1973	do	Dec. 31, 1973.
Ralph F. Kirkpatrick & Son	do	T-1961	II-2.2 IV-2.30	Dec. 13, 1972	do	Mar. 1, 1973.
Memorial Hospital of Alamance County, Inc.	do	T-1959	II-2.2 IV-1.30	do	do	June 1, 1973.
White Furniture Co., Inc	Mebane	T-1852	II-2.2 II-5.2 IV-2.00 DIV-2.40	Aug. 16, 1972	do	Dec. 31, 1973.
Do	do	T-2033	IV-2.60	Jan. 5, 1973	do	Sept. 15, 1973.
Wilson Bradshaw Sawmill	Haw River	T-2431	II-1.3	Mar. 18, 1974	do	July 31, 1973.
Winn-Dixie Raleigh, Inc.:						
Store No. 874	Burlington	T-2364	IV-1.30	June 27, 1973	do	Dec. 15, 1973.
Store No. 879	Graham	T-2370	IV-1.30	do	do	Do.
Yarn-Tex, Inc	Burlington	T-2034	II-2.2 IV-2.30	do	do	May 1, 1973.
Glen Raven Mills, finishing division.	Glen Raven	T-2929	II-2.22 II-5.2 IV-2.30 IV-2.60	Mar. 15, 1974	do	Aug. 31, 1974.
ALEXANDER COUNTY						
Worth Spinning Co., Cotton picker collection system.	Stoney Point	02-224-2-1575	IV-2.30	Nov. 18, 1974	Immediately	Feb. 15, 1975.
Lewittes Furniture Enterprises, Woodwaste collection system.	Taylorsville	02-194-8-3174	IV-2.00	Dec. 17, 1973	do	Aug. 31, 1974.
ALLEGHANY COUNTY						
Glade Valley School, Inc	Glade Valley	T-1769	II-2.2 IV-1.10 IV-2.40	June 28, 1972	Immediately	Sept. 1, 1973.
Greene Ready-Mix Concrete Co.	Sparta	T-2162	II-2.2 IV-1.90	Mar. 2, 1973	do	May 31, 1973.
Southern Crown Milling Co	do	T-2074	II-2.2 IV-2.30	do	do	Dec. 31, 1973.
ANSON COUNTY						
Anson County Board of Education:						
(a) Bowman School	Wadesboro	T-802	II-1.3	Apr. 21, 1971	Immediately	Dec. 31, 1973.
(b) Anson High School	do	T-803	II-1.3	do	do	Do.
Anson County Hospital	do	T-722	II-1.3	Apr. 5, 1971	do	Mar. 31, 1973.
Ansonville Gin Co	Ansonville	T-2150	II-2.2	Mar. 2, 1973	do	Sept. 1, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			IV-2.30			
Burlington Industries: Ballet Hosiery Plant.	Wadesboro	T-2344	II-1.3	June 29, 1973	do	June 1, 1974.
Hornwood, Inc.:						
(a) Plant No. 1	do	T-2011	II-1.3	Dec. 15, 1972	do	June 1, 1973.
(b) Plant No. 2	do	T-2012	II-1.3	do	do	Do.
McLeod Plywood Box Co., Inc.	do	T-1964	II-1.3 IV-1.10 IV-2.40	Jan. 5, 1973	do	Oct. 1, 1973.
Morven Gin Co	Morven	T-1504	II-2.2 II-5.2 IV-2.30 IV-2.40	Dec. 15, 1971	do	Oct. 31, 1973.
J.P. Phillips Gin	McFarlen	T-1918	II-2.2 II-5.2 IV-2.30 IV-2.40	Dec. 11, 1972	do	July 1, 1973.
Town of Polkton	Polkton	T-353	II-1.3	Feb. 5, 1971	do	Dec. 31, 1973.
Wade Mfg. Co	Wadesboro	T-2421	II-2.2 IV-2.30	Mar. 18, 1974	do	Dec. 31, 1974.
Wansona Manufacturing Corp.	do	T-2299	II-2.2	June 29, 1973	do	Dec. 1, 1974.
Burlington Industries, Kenville, Inc.	Lilesville	T-2317	II-2.2 IV-2.30	Sept. 9, 1974	do	June 1, 1975.
ASHE COUNTY						
Ashe County Board of Education:						
(a) Ashe Central High School.	Jefferson	T-1363	II-1.3 II-2.2	Aug. 4, 1971	Immediately	Dec. 31, 1973.
(b) Beaver Creek High School.	West Jefferson	T-1362	II-1.3 II-2.2	do	do	Do.
			IV-1.10	do	do	Do.
(c) Elkland Elementary School.	Todd	T-1361	II-1.3 II-2.2 IV-1.10	do	do	Do.
(d) Fleetwood Elementary School.	Fleetwood	T-1360	II-1.3 II-2.2 IV-1.10	do	do	Do.
(e) Healing Springs Elementary School.	Crumpler	T-1359	II-1.3 II-2.2 IV-1.10	do	do	Do.
(f) Jefferson Elementary School.	Jefferson	T-1358	II-1.3	do	do	Do.
Do	do	T-1358	II-2.2 IV-1.10	do	do	Do.
(g) Lansing Elementary School.	do	T-1357	II-1.3 I-2.2 IV-1.10	do	do	Do.
(h) Nathans Creek Elementary School.	Crumpler	T-1356	II-1.3 II-2.2 IV-1.10	do	do	Do.
(i) North West High School.	Warrensville	T-1355	II-1.3 II-2.2 IV-1.10	do	do	Do.
(j) Riverview Elementary School.	Creston	T-1354	II-1.3	do	do	Do.
Do	do	T-1354	II-2.2 IV-1.10	do	do	Do.
(k) West Jefferson Elementary School.	West Jefferson	T-1353	II-1.3	do	do	Do.
Do	do	T-1353	II-2.2 IV-1.10	do	do	Do.
Ashe County Memorial Hospital	do	T-2014	II-2.2 IV-1.30	Dec. 15, 1972	do	Mar. 31, 1973.
Greene Ready-Mix Concrete Co.	do	T-2164	II-2.2 IV-1.90 IV-2.30	Mar. 2, 1973	do	June 30, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Jefferson Wood Products, Inc.	do	T-1957	II-2.2 IV-1.10 IV-2.40	Jan. 5, 1973	do	Dec. 31, 1974.
Lowes Food Stores, Inc., Store No. 4.	do	T-2068	II-1.3	Mar. 2, 1973	do	Sept. 1, 1974.
Joe Price Sawmill	do	T-2007	II-2.2 IV-2.30	Jan. 5, 1973	do	Mar. 31, 1973.
Weaver Manufacturing Co	do	T-2163	II-2.2 IV-2.30	Oct. 9, 1974	do	May 1, 1975.
Thomasville Furniture Industry, Inc, chair plant.	do	T-2254	II-2.2 II-5.2 IV-1.10 IV-2.40 IV-2.30 IV-2.60	Sept. 9, 1974	do	Mar. 31, 1975.
AVERY COUNTY						
Pacemaker Manufacturing Corp.	Newland	T-2076	II-2.2 IV-1.10 IV-2.40	Mar. 2, 1973	Immediately	June 30, 1973.
Tar Heel Mica Co.	Plumtree	T-2016	II-2.2 IV-1.10 IV-1.70 IV-2.40 IV-2.60	Dec. 18, 1972	do	Do.
Loven Ready Mix Co., process operations.	Pineola	T-2479	IV-2.30 II-2.2	Oct. 10, 1974	do	Oct. 30, 1974.
BEAUFORT COUNTY						
Town of Bath	Bath	T-990	II-1.3	May 13, 1971	Immediately	June 30, 1973.
Beaufort County Board of Education:						
(a) Belhaven Elementary School.	Belhaven	T-1723	II-2.2 IV-1.10 IV-2.40	May 22, 1972	do	Oct. 15, 1973.
(b) John A. Wilkinson High School.	do	T-1722	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Town of Belhaven	Washington	T-292	II-1.3	Jan. 18, 1971	do	Dec. 31, 1973.
Cargill, Inc	do	T-2391	IV-2.30	July 27, 1973	do	Aug. 1, 1974.
Hackney & Sons, Inc	do	T-2410	IV-2.60	Mar. 18, 1974	do	Jan. 1, 1975.
Singer Furniture Division	do	T-2198	II-2.2 IV-1.10	June 27, 1973	do	Dec. 1, 1973.
Washington City Board of Education:						
(a) Eastern Elementary School.	do	T-636	II-2.2 IV-1.10	Mar. 22, 1971	do	Oct. 1, 1973.
(b) John H. Small School.	do	T-224	II-2.2 IV-1.10 IV-2.40	Dec. 22, 1970	do	Do.
(c) John C. Tayloe School.	do	T-635	II-1.3 II-2.2 IV-1.10	Mar. 22, 1971	do	Do.
(d) Washington High School.	do	T-226	II-2.2 IV-1.10 IV-2.40	Dec. 22, 1970	do	Do.
Blount Midyette Co., Inc., process operations.	do	T-2525	IV-2.30	Sept. 9, 1974	do	June 1, 1975.
Cargill, Inc	Belhaven	T-2392	IV-2.30	Dec. 12, 1974	do	Do.
BERTIE COUNTY						
Bertie County Board of Education:						
(a) Askewville Elementary School.	Windsor	T-829	II-1.3	Apr. 22, 1971	Immediately	Sept. 1, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
(b) Bertie Junior High School.	do	T-832	II-1.3	Apr. 23, 1971	do	Dec. 31, 1973.
(c) Bertie Senior High School.	do	T-833	II-1.3	do	do	Do.
(d) Mars Hill Audio-visual Center.	do	T-831	II-1.3	do	do	Do.
(e) South Aulander Elementary School.	Aulander	T-830	II-1.3	Apr. 22, 1971	do	Sept. 1, 1973.
Harrington Manufacturing Co., Inc.	Lewiston	T-1718	II-2.2 II-5.2 IV-2.30 IV-2.40	May 19, 1972	do	Feb. 28, 1973.
Whitehead Milling Co., Inc	Windsor	T-1296	II-1.3	Jun. 25, 1971	do	June 30, 1974.
Woodville Supply, Inc	Lewiston	T-1962	II-2.2 IV-2.30	Dec. 13, 1972	do	Oct. 1, 1973.
BLADEN COUNTY						
Bladen County Board of Education:						
(a) Bladen Elementary School.	Elizabethtown	T-1097	II-1.3	May 11, 1971	Immediately	Dec. 31. 1972.
Do	do	T-1097	II-2.2 IV-1.10	do	do	Aug. 31, 1973.
(b) Clarkton School	Clarkton	T-1098	II-1.3	do	do	Dec. 31, 1972.
Do	do	T-1098	II-2.2 IV-1.10	do	do	Aug. 31, 1973.
(c) Spaulding-Monroe School.	Bladenboro	T-1096	II-1.3	do	do	Dec. 31, 1972.
Do	do	T-1096	II-2.2 IV-1.10	do	do	Aug. 31, 1973.
Town of Bladenboro	do	T-319	II-1.3	Jan. 27, 1971	do	Dec. 31, 1973.
Bladenboro Cotton Mills Inc	do	T-796	II-2.2 IV-1.10	Apr. 19, 1971	do	Oct. 31, 1973.
Town of Clarkton	Clarkton	T-322	II-1.3	Jan. 27, 1971	do	Dec. 31, 1973.
Columbian Peanut Co	Elizabethtown	T-2439	IV-2.30	Mar. 18, 1974	do	July 1, 1974.
Town of Dublin	Dublin	T-320	II-1.3	do	do	Do.
E.I. du Pont de Nemours & Co., Fayetteville Works.	Fayetteville	T-2087	II-2.2 IV-1.10 IV-2.40	Mar. 2, 1973	do	Jan. 1, 1974.
Southern Peanut Co., Inc	Dublin	T-2141	II-1.3 II-2.2 IV-2.30	do	do	Sept. 1, 1973.
Sportee Corp. of North Carolina.	Clarkton	T-307	II-1.3	Jan. 22, 1971	do	Dec. 31, 1973.
Walter's Lumber Co	Bladenboro	T-727	II-1.3	Apr. 6, 1971	do	Do.
Ward Lumber Co	Elizabethtown	T-988	II-1.3	May 10, 1971	do	Do.
Town of White Lake	White Lake	T-691	II-1.3	Mar. 30, 1971	do	Do.
Winn-Dixie Raleigh, Inc., No. 840	Elizabethtown	T-2358	IV-1.30	June 29, 1973	do	Nov. 1, 1973.
Veeder-Root Co	do	T-2228	IV-2.60	June 27, 1973	do	Dec. 10, 1973.
BRUNSWICK COUNTY						
Bolivia Lumber Co	Navassa	T-2384	II-1.3	Aug. 23, 1973	Immediately	June 1, 1974.
Brunswick County Board of Education:						
(a) Leland High School	Leland	T-441	II-1.3 II-2.2 IV-1.10	Feb. 16, 1971	do	Oct. 31, 1973.
(b) Southport School	Southport	T-405	II-1.3	Feb. 11, 1971	do	June 30, 1973.
Brunswick Paving Co	Shallotte	T-1762	II-2.2 II-5.2 IV-1.40 IV-2.40	June 28, 1972	do	Mar. 1, 1973.
Royster Co	Navassa	T-2393	II-2.2 II-5.2 IV-1.50	July 27, 1973	do	Oct. 1, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Standards Products, Inc.:						
(a) Evaporator	Southport	T-2216	II-5.2 IV-2.30	June 27, 1973	do	May 31, 1974.
(b) Dryer	do	T-2216	IV-2.30	do	do	Do.
Washam, Warlick and Harrelson & Co.	do	T-1291	II-1.3	June 25, 1971	do	Dec. 31, 1973.
BUNCOMBE COUNTY						
American Enka Co	Enka	T-1856	IV-1.10 IV-2.40	July 20, 1972	Immediately	June 1, 1973.
Do	do	T-1856	IV-2.30	do	do	July 1, 1973.
Avondale Mills, Knitted Fabrics Division (Bluejay Knitting Mills).	Asheville	T-39	II-2.2 IV-2.60	Dec. 28, 1973	do	May 7, 1973.
Beacon Manufacturing Co	Swannanoa	T-38	II-2 IV-2.60	Jan. 18, 1973	do	Mar. 1, 1973.
Bi-Lo, Inc	Black Mountain.	T-34	II-2.2 IV-1.30	Dec. 21, 1972	do	June 30, 1973.
Do	Candler	T-36	II-2.2 IV-1.30	do	do	Dec. 31, 1973.
Do	Weaverville	T-35	II-2.2 IV-1.30	do	do	Do.
Carolina Power & Light Co. Asheville Steam Electric Plant, Unit No. 1.	Skyland	T-1838	II-2.2 IV-1.10 IV-2.40 IV-2.70 IV-2.71	June 27, 1972	do	Oct. 30, 1973.
Drexel Enterprises, Plant No. 4.	Asheville	T-41	II-2.2 IV-2.00	Dec. 21, 1972	do	Dec. 31, 1974.
Do	do	T-42	IV-2.60	Dec. 31, 1972	do	Dec. 31, 1973.
Magnavox Co. of Tennessee.	Arden	T-40	IV-2.60	Oct. 25, 1972	do	Do.
BURKE COUNTY						
Drexel Enterprises Division, Plant No. 43, U.S. Plywood-Champion Papers, Inc.	Hildebran	T-855	II-2.2 IV-1.10	Apr. 26, 1971	Immediately	Dec. 31, 1973.
Grand Piano Co., Inc	Morganton	T-12-93-10-172	II-2.2 II-5.1 IV-1.10 IV-2.40	June 15, 1972	do	Jan. 1, 1973.
Great Lakes Carbon Corp	do	T-12-112-6-3073	II-2.2 II-5.1 IV-2.30	Dec. 18, 1972	do	June 30, 1973.
Henredon Furniture Industries, Inc	do	T-12-114-3-3173	II-2.2 II-5.1 IV-2.30	do	do	Mar. 31, 1973.
Consolidated Furniture Industries:						
(a) Plant No. 1	Lenoir	T-14-100-1-1073	IV-2.30	July 10, 1972	do	Dec. 31, 1974.
(b) Plant No. 3	do	T-14-101-1-1073	IV-2.30	do	do	Do.
(c) Plant No. 5	do	T-14-102-1-1073	IV-2.30 V-5.1	do	do	June 30, 1974.
(d) Plant No. 6	do	T-14-103-1-1073	IV-2.30	do	do	June 30, 1975.
(e) Plant No. 7	do	T-14-104-1-1073	IV-2.30	do	do	June 30, 1973.
Eller Wood Turning, Inc	do	T-1342	II-1.3	July 30, 1971	do	Dec. 31, 1973.
Town of Granite Falls	Granite Falls	T-227	II-1.3	Dec. 22, 1970	do	Do.
Great Lakes Carbon Corp	Morganton	12-146-	II-2.00 12-3173	Nov. 18, 1974	do	Oct. 1, 1974.
Building No. 6, pitch impregnation process.	do	12-212-12-3174	II-2.00	do	do	Dec. 31, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Baking furnace exhaust stacks.	do	12-112-6-3073	II-2.00	do	do	Dec. 1, 1974.
Henredon Furniture, Industry plant No. 2, wood dust collection system.	do	12-216-10-174	IV-2.50	do	do	Jan. 1, 1975.
Southern Devices, Inc., wood dust emissions.	do	12-233-6-1475	IV-2.00	do	do	June 14, 1975.
Knob Creek, wood dust system.	do	12-180-12-3174	IV-2.00	do	do	Mar. 15, 1975.
Drexel Heritage Furnishings:						
Plant No. 1, woodwaste collection system.	Drexel	12-158-1-175	IV-2.00	do	do	June 30, 1975.
Plants Nos. 3 and 5, woodwaste collection system.	do	12-156-12-174	IV-2.00	Dec. 17, 1973	do	Dec. 1, 1974.
Plant No. 6, woodwaste collection system.	do	12-155-1-175	IV-2.00	Nov. 18, 1974	do	June 30, 1975.
Plant No. 43, woodwaste collection system.	Hildebran	12-161-1-175	IV-2.00	do	do	Do.
Plant No. 60, woodwaste collection system.	Morganton	12-159-1-175	IV-2.00	do	do	Do.
Great Lakes Carbon Corp.:						
Bldg. No. 2, process operations.	do	12-198-8-174	IV-2.30	Dec. 17, 1973	do	Aug. 1, 1974.
Buildings Nos. 4 and 5, open furnace tops.	do	12-201-12-2474	IV-2.30	do	do	Dec. 24, 1974.
Building No. 10, salvage and renovation of resistor and insulation materials.	do	12-199-10-3074	II-2-2-2 IV-2.30 II-2-2-2	do	do	Oct. 30, 1974.
Building No. 10, salvage and renovation of resistor insulation materials.	do	12-200-8-3074	IV-2.30 II-2-2-2	Nov. 18, 1974	do	Dec. 31, 1974.
Building No. 10, salvage and renovation of used resistor material.	do	12-202-3-3174	IV-2.30 II-2-2-2	Dec. 17, 1973	do	Mar. 31, 1974.
Highlander, Ltd., tenter frame finishing process.	do	12-173-3-174	IV-2.00	do	do	Apr. 1, 1974.
Knob Creek of Morganton, woodwaste collection system.	do	12-180-12-3174	IV-2.00	Nov. 18, 1974	do	Mar. 15, 1975.
Southern Devices, Inc., clay blender dust collection system.	do	12-149-2-174	IV-2.30	Dec. 17, 1973	do	Feb. 1, 1974.
Wamsutta Knitting Mills Finishing Plant, heat setting equipment.	do	12-150-12-3173	IV-2.30	do	do	Apr. 1, 1974.

CABARRUS COUNTY

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Cabarrus Memorial Hospital	Concord	T-1975	II-1.3	Oct. 9, 1974	Immediately	Dec. 31, 1974.
Cannon Mills Co., Plant No. 1.	Kannapolis	T-1162	II-2.2 IV-1.10 IV-2.40	May 17, 1971	do	June 30, 1974.
Cannon Mills Co., Plant No. 2	Concord	T-1163	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Cannon Mills Co., Plant No 5	do	T-1164	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Cannon Mills Co., Plant No 6	do	T-1157	II-2.2 IV-1.10	do	do	Sept. 1, 1973.
Cannon Mills Co., Plant No 10	do	T-1161	II-2.2 IV-1.10	Oct. 9, 1974	do	June 30, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			IV-2.40			
Collins & Aikman Corp., Home Fabrics Plant.	do	T-2058	II-2.2 IV-1.10 IV-2.40	Mar. 2, 1973	do	Dec. 1, 1973.
Foils, Inc	Harrisburg	T-2318	II-2.2 IV-2.30	June 28, 1973	do	Jan. 30, 1974.
Kerr Industries, Inc.: Plant 2:						
(a) Tenter frame	Concord	T-2324	II-2.2 IV-2.30	June 29, 1973	do	June 1, 1974.
(b) Drum dryer	do	T-2324	II-2.2 IV-2.30	do	do	June 30, 1974.
Oliver Martin Co., Inc	do	T-2321	II-2.2 IV-2.30	June 28, 1973	do	Dec. 31, 1973.
Mineral Research & Development Corp., process operations.	Harrisburg	T-2472	II-5.2	Oct. 10, 1974	do	Jan. 30, 1975.
Kerr Industries, Inc	Concord	T-2323	II-2.2 IV-2.30	Sept. 9, 1974	do	Jan. 31, 1975.
Main plant:						
2(a) Tenter frames 3, 4, 5.		T-2337	II-2.20 IV-2.30	do	do	Feb. 28, 1975.
2(b) Thermal ovens 1, 3.			II-2.2 IV-2.30	do	do	Mar. 31, 1975.
2(c) Boilers 1, 2			II-2.2 IV-1.10	do	do	June 1, 1975.
CALDWELL COUNTY						
Broyhill Industries:						
Lenoir Furniture Industries.	Lenoir	T-14-88-1-173	IV-2.30	June 5, 1972	Immediately	Oct. 1, 1974.
Lenoir Chair Co., No. 1	do	T-14-89-1-173	IV-2.30	do	do	Do.
Harpers Furniture Co	do	T-14-90-173	IV-2.30	do	do	Do.
Lenoir Chair Co., No. 4	do	T-14-91-1-173	IV-2.30	do	do	Do.
Lenoir Veneer Co	do	T-14-92-1-173	IV-2.30	do	do	Do.
Bernhardt Furniture Industry, Plant No. 1, wood dust emissions.	do	14-215-12-3174	IV-2.00	Nov. 18, 1974	do	Dec. 31, 1974.
Granite Chair Co., wood dust collection system.	Hudson	14-221-12-174	IV-2.00	do	do	Dec. 1, 1974.
Singer Furniture Division, Plants Nos. 1, 5, 6, and 7, woodwaste collection system.	Lenoir	14-100-1-1073; 14-102-1-1073; 14-104-1-1073; 14-103-1-1073	IV-2.00	do	do	June 30, 1975.
Carolina Tire & Appliance Co., Inc., exhaust system from buffing of automobile tire casings.	do	14-219-11-174	II-2.2 II-2.30	do	do	Nov. 1, 1974.
Bernhardt Furniture Industry:						
Plant No. 1, wood dust collection system.	do	14-185-1-175	IV-2.00	Dec. 17, 1973	do	Jan. 1, 1975.
Plant No. 2, wood dust collection system.	do	14-186-1-175	IV-2.00	Nov. 18, 1974	do	Feb. 28, 1975.
Plant No. 3, wood dust collection system.	Lenoir	14-187-1-175	IV-2.00	Dec. 17, 1973	do	Jan. 1, 1975.
Plant No. 7, wood dust collection system.	do	14-188-1-175	IV-2.00	do	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Brandon Furniture Co., wood dust collection system.	Granite Falls	14-178-2-174	IV-2.00	do	do	Feb. 1, 1974.
Caldwell Furniture Division of Thomasville Industries, hydrocarbons emissions from finishing.	Lenoir	14-131-1-174	IV-2.60	do	do	Jan. 1, 1974.
Caldwell Furniture Division of Thomasville Industries, wood dust collection system.	do	14-176-6-3074	IV-2.00	do	do	June 30, 1974.
Davis Wood Products, Inc., Plant No. 4, wood dust collection system.	Hudson	14-137-9-173	IV-2.00	Nov. 5, 1974	do	Nov. 18, 1974.
Fairfield Chair Co.:						
Plant No. 1, wood dust collection system.	Lenoir	14-192-1-175	IV-2.00	Dec. 17, 1973	do	Jan. 1, 1975.
Plant No. 2, wood dust collection system.	do	14-193-4-174	IV-2.00	do	do	Apr. 1, 1974.
Hammary Furniture:						
Plant No. 1, wood dust collection system.	do	14-141-9-3074	IV-2.00	do	do	Sept. 30, 1974.
Plant No. 2, wood dust collection system.	Grante Falls	14-143-9-3074	IV-2.00	do	do	Do.
Kincaid Furniture Co., Inc. dust collection system.	Hudson	14-129-6-2873	IV-2.00	do	do	Mar. 1, 1974.
Kohler & Campbell, Inc., wood dust collection system.	Granite	14-196-5-174	IV-2.00	do	do	May 1, 1974.
Lenoir Coatings & Resins—Division of Whittaker Corp.:.						
Dust emissions	Lenoir	14-168-4-174	IV-2.00	do	do	Apr. 1, 1974.
Hydrocarbon emissions	do	14-170-4-174	IV-2.60	do	do	Do.
Triplett Carving Co., wood dust collection system.	do	14-204-7-3174	IV-2.00	do	do	July 31, 1974.
CAMDEN COUNTY						
Albemarle Asphalt Co	Belcross	T-1795	II-2.2 IV-5.2 IV-1.40 IV-2.40	June 29, 1972	Immediately	Jan. 1, 1973.
Camden County Board:						
(a) Camden County High School.	Camden	T-845	II-1.3	Apr. 23, 1971	do	Dec. 31, 1973.
(b) Camden Elementary School.	do	T-846	II-1.3	do	do	Do.
(c) Grandy Elementary School.	do	T-844	II-1.3	do	do	Do.
Camden County Courthouse	do	T-2061	II-1.3	Mar. 2, 1973	do	June 1, 1973.
C. G. Leary & Son Co	do	T-1971	II-2.2 IV-2.30	Dec. 13, 1972	do	June 30, 1973.
CARTERET COUNTY						
Atlantic Veneer Corp	Beaufort	T-1535	II-1.3 II-2.2 II-5.2 IV-1.10 IV-2.40	Mar. 15, 1972	Immediately	June 30, 1973.
Carteret County Board of Education:						
(a) Morehead Central School	Morehead City	T-338	II-2.2 IV-1.10 IV-2.40	Feb. 3, 1971	do	Oct. 1, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
(b) Morehead Elementary School.	......do	T-339	II-2.2 IV-1.10 IV-2.40	......do	......do	Do.
(c) Smyrna Elementary School.	......do	T-428	II-1.3	Feb. 16, 1971	......do	Oct. 1, 1971.
Do	......do	T-428	II-2.2 IV-1.10 IV-2.40	......do	......do	June 30, 1974.
Fishmeal Co., Inc	Beaufort	T-1833	II-2.2 IV-1.10 IV-2.40	July 3, 1972	......do	Feb. 1, 1973.
Haynie Products, Inc	Morehead City	T-1972	II-5.2	Dec. 13, 1972	......do	Oct. 31, 1973.
CATAWBA COUNTY						
Broyhill Furniture Industries:						
Conover Furniture Plant	Conover		II-2.2 IV-2.00 IV-2.30	Jan. 5, 1972	Immediately	Oct. 1, 1974.
Lenoir Chair No. 2	Newton		II-2.2 IV-2.00 IV-2.30	......do	......do	Do.
Drexel Heritage Furnishings, Plant No. 7, woodwaste collection system.	Drexel	12-226-6-30-75	IV-2.00	Nov. 18, 1974	......do	June 30, 1975.
Shuford Mills, Inc., Tape Division, hydrocarbon emissions.	Hickory	18-208-11-174	IV-2.60	......do	......do	Apr. 1, 1975.
Fairgrove Furniture Co., wood dust collection system.	......do	18-210-8-174	IV-2.00	......do	......do	Aug. 1, 1974.
Cegen Furniture, Inc., wood-fired boiler.	......do	18-211-6-3074	IV-2.00	......do	......do	June 30, 1974.
Ethan Allen, Inc., Plant No. 1, wood dust collection system.	Maiden	18-214-12-174	IV-2.00	......do	......do	Nov. 18, 1974.
General Electric Co., Hickory Plant, paint spray booth exhausts hydrocarbon.	Hickory	18-218-12-3174	IV-2.60	......do	......do	Dec. 31, 1974.
Century Furniture Co., case goods division, wood dust collection system.	......do	18-220-1-175	IV-2.00	......do	......do	Jan. 1, 1975.
Stezer's Frame Co., Bruard's, Inc., wood dust exhaust system.	Newton	18-222-12-174	IV-2.00	......do	......do	Dec. 1, 1974.
The Major's Shop, Inc., wood dust collection system.	Hickory	18-225-5-175	IV-2.00	......do	......do	May 1, 1975.
Custom Craft Furniture, Inc., wood dust system.	......do	18-195-6-1574	IV-2.00	......do	......do	Dec. 31, 1974.
Steam Line Tools, Inc., wood dust system.	Conover	18-205-5-1574	IV-2.00	......do	......do	Aug. 1, 1974.
Clayton-Marcus Co., Plant No. 1, wood dust collection system.	Hickory	02-217-9-1574	IV-2.00	......do	......do	Sept. 15, 1974.
Carolina Tables, Inc., wood dust collection system.	......do	18-189-4-174	IV-2.00	......do	......do	Nov. 1, 1974.
Custom-Craft Furniture, Inc., woodwaste collection system.	......do	18-195-6-1574	IV-2.00	Dec. 17, 1973	......do	June 15, 1974.
Drexel Heritage Furnishings:						
Plant No. 40, wood dust collection system.	......do	18-162-6-174	IV-2.00	Nov. 18, 1974	......do	Dec. 31, 1974.
Plant No. 44, wood waste collection system.	......do	18-154-6-174	IV-2.00	Dec. 17, 1973	......do	June 1, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Plant No. 44, boilers	do	18-177-2-1574	IV-1.20 II-2.2	do	do	Feb. 15, 1973.
Plant No. 45, wood waste collection system.	Longnier	18-160-1-175	IV-2.00	Nov. 18, 1974	do	June 30, 1975.
Granline Corp., wood dust collection system.	Hickory	18-167-11-3064	IV-2.00	Dec. 17, 1973	do	Nov. 30, 1974.
Hickory Chair Co., wood dust collection system.	do	18-181-6-174	IV-2.00	do	do	June 1, 1974.
Hickory Manufacturing Co., 2 boilers burning wood waste.	do	18-171-1-174	IV-1.20	do	do	Jan. 1, 1974.
Hickory Manufacturing Co., wood dust collection system.	do	18-183-10-174	IV-2.00	Nov. 18, 1974	do	June 1, 1975.
Maxwell Royal Chair Co., boilers.	do	18-151-10-1573	IV-1.20 II-2.2	Dec. 17, 1973	do	Jan. 4, 1974.
CHATHAM COUNTY						
Boiling Chair Co	Siler City	T-1973	II-2.2 IV-1.10 IV-2.40	Dec. 31, 1972	Immediately	Dec. 31, 1973.
Carolina Power & Light Co., Cape Fear Electric Plant:						
(a) Units 3 and 4	Moncure	T-1875	IV-1.10 IV-2.40	Sept. 11, 1972	do	June 30, 1975.
(b) Unit 5	do	T-1826	IV-1.10 IV-2.40	Aug. 25, 1972	do	Nov. 1, 1973.
(c) Unit 6	do	T-1826	IV-1.10 IV-2.40	do	do	Oct. 1, 1974.
Chatham County Board of Education:						
(a) Chatham Middle Siler City School.	do	T-433	II-1.3	Feb. 23, 1973	do	Dec. 31, 1972.
Do	do	T-433	II-2.2 IV-1.10	do	do	Dec. 31, 1973.
(b) Horton Middle Pittsboro.	School	T-432	II-1.3	Feb. 18, 1971	do	Dec. 31, 1972.
Do	do	T-432	II-2.2 IV-1.10	do	do	Dec. 31, 1973.
Chatham Novelties Co	Siler City	T-620	II-1.3	Mar. 18, 1971	do	Apr. 30, 1973.
Evans Products Co	Moncure	T-2296	II-2.2 IV-2.40 IV-1.10	June 28, 1973	do	Dec. 31, 1974.
Lee Paving Co	Pittsboro	T-1974	II-2.2 IV-1.40	Dec. 13, 1972	do	Sept. 15, 1973.
Town of Pittsboro	do	T-98	II-1.3	Oct. 22, 1970	do	Jan. 1, 1973.
Triangle Plywood Co	Moncure	T-1976	II-1.3	Dec. 14, 1972	do	May 30, 1973.
Southern Furniture Co., wood dust collection system.	Conover	18-191-7-174	IV-2.00	Dec. 17, 1973	do	July 1, 1974.
C. C. Routh Mills, Inc., process operations.	Bonlee	T-2494	IV-2.30 II-2.2	Oct. 10, 1974	do	Jan. 30, 1975.
Central Carolina Farmers, Inc., process operations.	Pittsboro	T-2498	IV-2.30 II-2.2	do	do	June 31, 1975.
Do	Siler City	T-2499	IV-2.30 II-2.2	do	do	May 31, 1975.
Selig Manufacturing, Inc., process operations and fuel combustion.	do	T-2482	II-2.2 IV-1.10 IV-2.40	do	do	Feb. 15, 1975.
CHEROKEE COUNTY						
Town of Andrews	Andrews	T-1343	II-1.3	July 29, 1971	Immediately	Mar. 31, 1973.
Bernhardt Industries, Inc., Mundy Lumber Co	Marble	T-2275	II-2.2 IV-2.40 IV-1.10 IV-1.20	June 27, 1973	do	Apr. 1, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
District Memorial Hospital	Andrews	T-2182	II-1.3	Mar. 2, 1973	do	Apr. 15, 1974.
Fitco, Inc	Murphy	T-2165	II-2.2 IV-1.10	Oct. 9, 1974	do	July 15, 1974.
Magnavox Co. of Tennessee.	Andrews	T-2188	II-2.2 IV-2.30	Mar. 2, 1973	do	Aug. 1, 1974.
Do	do	T-2188	II-5.2 IV-2.60 IV-2.60	do	do	Dec. 31, 1973.
Town of Murphy	Murphy	T-1667	II-1.3	May 15, 1972	do	Mar. 31, 1973.
Transcarolina Concrete Co	do	T-2041	II-2.2 IV-1.90 IV-2.30	Mar. 2, 1973	do	Jan. 31, 1974.
Wood Lumber Co., Inc	do	T-2065	II-2.2 IV-1.10 IV-2.40	do	do	Dec. 1, 1973.
CHOWAN COUNTY						
Elliott Cleaners	Edenton	T-2075	II-2.2 IV-1.10 IV-2.40	Mar. 2, 1973	Immediately	June 1, 1973.
Rose Brothers Paving Co. Inc.	do	T-2206	II-2.2 II-5.2 IV-2.60 IV-1.40 IV-2.40	June 27, 1973	do	Mar. 15, 1974.
The United Piece & Dye Works.	do	T-2221	II-2.2 II-5.2 IV-1.10 IV-2.40 IV-2.60	do	do	Dec. 31, 1974.
C. A. Perry & Sons, Inc., process operations.	Hobbsville	T-2516	IV-2.30	Oct. 10, 1974	do	May 15, 1975.
Chowan Feed and Supply, process operations.	Edenton	T-2529	IV-2.30	do	do	May 1, 1975.
Chowan Storage Co., Inc., process operations.	do	T-2528	IV-2.30	do	do	Do.
Home Feed and Fertilizer Co., Inc., process operations.	do	T-2523	IV-2.30	do	do	Do.
Leary Brothers Storage Co., process operations.	do	T-2527	IV-2.30	do	do	Do.
Valhalla Produce Co., process operations.	do	T-2510	IV-2.30	do	do	May 15, 1975.
Rose Brothers Paving, Inc	do	T-2206	II-2.2 II-5.2 IV-2.40 IV-2.60 IV-1.40	Sept. 9, 1974	do	Dec. 31, 1974.
CLAY COUNTY						
Asheville Paving Co	Hayesville	T-2056	II-2.2 IV-1.40	Mar. 2, 1973	Immediately	Nov. 15, 1973.
Clay County Board of Education:						
(a) Hayesville Elementary and High School.	do	T-1119	II-1.3 II-2.2 IV-1.10	May 13, 1971	do	Sept. 1, 1973.
(b) Ogden School	do	T-1120	II-1.3 II-2.2 IV-1.10	do	do	Do.
(c) Shooting Creek School.	do	T-1118	II-1.3 II-2.2 IV-1.10	do	do	Do.
Transcarolina Concrete Co	do	T-2042	II-2.2 IV-1.90 IV-2.30	Mar. 2, 1973	do	Jan. 31, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
CLEVELAND COUNTY						
All Day Barbecue	Shelby		II-2.2 II-5.2	Feb. 15, 1972	Immediately	Jan. 1, 1974.
Alston Bridge Barbecue	do		II-2.2 II-5.2.	do	do	Do.
Oras Biggerstaff:						
Gin #1	do	T-2554	II-2.2 IV-2.30	Mar. 19, 1974	do	Sept. 30, 1974.
Gin #2	Boiling Springs	T-2455	II-2.2 IV-2.30	do	do	Do.
Gin #3	Shelby	T-2456	II-2.2 IV-2.30	do	do	Do.
A. M. Bogas & Sons	Fallston	T-2458	II-2.2 IV-2.30	Mar. 20, 1974	do	Do.
Boggs & Williams Gin Co	Bellwood	T-2460	II-2.2 IV-2.30	Mar. 22, 1974	do	Do.
Bridge Barbecue Lodge	Shelby		II-2.2 II-5.2	Feb. 15, 1972	do	Jan. 1, 1974.
Elmer Lumber Co	Kings Mountain.	T-1770	II-1.3	June 28, 1972	do	Mar. 10, 1973.
Foote Mineral Co	do		IV-2.30	Feb. 15, 1973	do	Apr. 1, 1974.
Hardee's of Shelby	Shelby		II-2.2 II-5.2.	do	do	Jan. 1, 1974.
Hunter School	do		IV-1.10 IV-2.40	do	do	Jan. 1, 1975.
Morgan & Company Inc	do	T-2459	IV-2.40	Mar. 20, 1974	do	Sept. 30, 1974.
Northside school	do		IV-1.10 IV-2.40	Feb. 15, 1972	do	Jan. 1, 1974.
Shelby Junior High School Annex.	do		IV-1.10 IV-2.40	Feb. 15, 1972	do	July 1, 1974.
Washington Elementary School.	do		IV-1.10 IV-240	do	do	Jan. 1, 1975.
McCarty & Sons, process operations.	Fallston	T-2477	II-2.2 IV-2.30	Oct. 10, 1974	do	June 30, 1975.
Wilson & Cornwell Gin Co., Inc., process operations.	Shelby	T-2478	II-2.2 IV-2.30	do	do	Do.
COLUMBUS COUNTY						
Berry Veneer & Plywood Co., Inc.	Chadbourn	T-1692	II-2.2 IV-1.10 IV-2.40	May 16, 1972	Immediately	Sept. 1, 1973.
Burrough's Tire Service	Whiteville	T-2219	II-1.3	June 27, 1973	do	Dec. 31, 1973.
Town of Chadbourn	Chadbourn	T-778	I-1.3	Apr. 15, 1971	do	June 30, 1973.
Cole Feed Mill	Fair Bluff	T-1292	II-1.3	June 25, 1971	do	Dec. 31, 1973.
Crown Knitwear, Inc.	Chadbourn	T-2196	II-1.3	June 27, 1973	do	Do.
Town of Fair Bluff	Fair Bluff	T-1294	II-1.3	June 25, 1971	do	June 30, 1974.
Federal Paper Board Co., Inc., Riegelwood operations:						
(a) Smelt dissolving tanks 2 and 3.	Riegelwood	T-2054	II-2.2 IV-1.60	Mar. 12, 1973	do	Jan. 1, 1974.
(b) Bark Boiler; No. 2 power boiler.	do	T-2054	II-2.2 IV-1.10	do	do	July 1, 1974.
(c) Lime kilns 1 and 2	do	T-2054	II-2.2 II-5.2 IV-1.60 IV-1.90	do	do	Do.
(d) Recovery boilers 1 and 3.	do	T-2054	II-2.2 II-5.2 IV-1.60	do	do	June 1, 1975.
(e) Recovery boiler 2	do	T-2054	II-2.2 II-5.2 IV-1.60	do	do	Oct. 1, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
(f) Heat accumulator tank; turpentine recovery system.	......do	T-2054	II-5.2 IV-2.60	......do	......do	June 1, 1975.
D. J. Hughes Co	Tabor City	T-1922	II-1.3	Dec. 11, 1972	......do	July 31, 1973.
Kaiser Agricultural Chemicals.	Riegelwood	T-1462	II-2.2 IV-1.50	Oct. 28, 1971	......do	June 1, 1973.
Town of Lake Waccamaw	Lake Waccamaw.	T-266	II-1.3	Jan. 8, 1971	......do	Jan. 1, 1973.
Tabor City Lumber Co., Inc	Tabor City	T-624	II-1.3	Mar. 19, 1971	......do	Jan. 31, 1973.
Beer Veneer and Plywood, fuel combustion.	Chadbourne	T-1692	II-2.2 IV-1.10 IV-2.40	May 16, 1972	......do	Sept. 1, 1973.
CRAVEN COUNTY						
Craven County Board of Education:						
(a) Farm Life High School.	Vanceboro	T-424	II-1.3	Feb. 15, 1971	Immediately	Oct. 31, 1971.
Do	......do	T-424	II-2.2 IV-1.10 IV-2.40	June 30, 1973	......do	June 30, 1973.
Moss Planing Mill Co., Wilmar Mill.	Wilmar	T-1639	II-1.3	May 15, 1972	......do	Do.
National Milling Co	Cove City	T-1844	II-1.3	July 19, 1972	......do	Mar. 31, 1973.
Harlowe Community Center, fuel combustion.	Harlowe	T-2520	II-2.2 IV-1.10	Oct. 10, 1974	......do	May 31, 1975.
CUMBERLAND COUNTY						
Black & Decker Manufacturing Co.	Fayetteville	T-2040	IV-2.60	Mar. 2, 1973	Immediately	Jan. 1, 1974.
Borden, Inc., Chemical Division.	......do	T-1628	II-2.2 II-5.2 IV-2.30 IV-2.40	May 8, 1972	......do	May 1, 1972.
Cape Fear Car Service, Inc	......do	T-2435	II-2.2 IV-2.30	Mar. 18, 1974	......do	July 15, 1974.
Cobb Paving Co	......do	T-1634	IV-1.40	May 8, 1972	......do	Dec. 31, 1973.
Cumberland County Board of Education:						
(a) Beaver Dam School	Roseboro	T-1594	II-2.2 IV-1.10 IV-2.40	May 5, 1972	......do	Oct. 1, 1973.
(b) Lillian Black School	Springdale	T-1595	II-2.2 IV-1.10 IV-2.40	......do	......do	Do.
(c) Brentwood School	Fayetteville	T-1596	II-2.2 IV-1.10 IV-2.240	......do	......do	Do.
(d) Cashwell School	Hope Mills	T-1597	II-2.2 IV-1.10 IV-2.40	......do	......do	Do.
(e) Cedar Creek School	Fayetteville	T-1598	II-2.2 IV-1.10 IV-2.40	......do	......do	Do.
(f) College Lakes School.	......do	T-1599	II-2.2 IV-1.10 IV-2.40	......do	......do	Do.
(g) Cumberland Mills School.	......do	T-1600	II-2.2 IV-1.10 IV-2.40	......do	......do	Do.
(h) District No. 7 School.	Wade	T-1602	II-2.2 IV-1.10 IV-2.40	......do	......do	Do.
(i) Legion Road School	Hope Mills	T-1604	II-2.2 IV-1.10 IV-2.40	......do	......do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
(j) Les Maxwell Administration Bldg.	Fayetteville	T-1621	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(k) Oakdale School	do	T-1609	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(l) Pine Fort School	do	T-1610	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(m) Raleigh Road School.	Linden	T-1611	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(n) Reilly Road School	Fayetteville	T-1612	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(o) Seabrook School	do	T-1613	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(p) Stedman School	Stedman	T-1615	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Cumberland County Hospital Systems, Inc., Cape Fear Valley Hospital.	Fayetteville	T-2048	II-1.3	Mar. 2, 1973	do	Dec. 30, 1973.
Doxey Plywood Corp	do	T-1485	II-2.2 II-5.2 IV-2.00 V-2.40	Feb. 11, 1972	do	Mar. 31, 1973.
Rohm & Haas Co., Fibers Division.	do	T-1647	II-2.2 II-5.2 IV-2.30 IV-2.40	May 8, 1972	do	Feb. 1, 1973.
Tart's Gin, No. 4	Wade	T-1521	II-2.2 IV-1.10 IV-2.30 IV-2.40	Feb. 21, 1972	do	Jan. 1, 1973.
Thomason Ranch Division of Babon, Inc.	Fayetteville	T-1630	II-2.2 IV-2.30 IV-2.40 IV-2.60	May 8, 1972	do	Mar. 1, 1974.
Thompson-Hayward Chemical Co.	do	T-1839	II-2.2 II-5.2 IV-2.30 IV-2.40	July 10, 1972	do	Mar. 15, 1973.
Triple "A" Construction Co., Inc.	do	T-1587	II-2.2 II-5.2 IV-1.40 IV-2.40	May 1, 1972	do	Feb. 1, 1973.
Winn-Dixie Raleigh, Inc.:						
Store No. 877	do	T-2353	IV-1.30	June 29, 1973	do	Nov. 1, 1973.
Store No. 880	do	T-2355	IV-1.30	do	do	Do.
Store No. 895	do	T-2356	IV-1.30	do	do	Do.
Thomason Industry, Inc., process operations.	do	T-2506	II-2.2 IV-1.10	Oct. 10, 1974	do	May 30, 1975.
Fexfi Lively Knits, process operations.	do	T-2382	II-2.2	Sept. 6, 1973	do	Mar. 31, 1975.
CURRITUCK COUNTY						
Beach Paving Co	Spot	T-2220	II-2.2 II-5.2 IV-1.40 IV-2.40	June 27, 1973	Immediately	Nov. 30, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Currituck County Board of Education:						
(a) Administration building and garage.	Currituck	T-1773	II-1.3	June 29, 1972	do	June 30, 1973.
(b) Central Elementary School.	Maple	T-1774	II-1.3	do	do	Do.
(c) W. T. Griggs School	Poplar Branch	T-1775	II-1.3	do	do	Do.
(d) J. P. Knapp School	Currituck	T-1776	II-1.3	do	do	Do.
(e) Knotts Island School.	Knotts Island	T-1777	II-1.3	do	do	Do.
(f) Moyock School	Moyock	T-1778	II-1.3	do	do	Do.
J. J. Flora & Co., Inc	do	T-2070	II-2.2 IV-2.30	Mar. 2, 1973	do	Aug. 1, 1973.
Moyock Lumber Co., Inc	do	T-623	II-1.3	Mar. 19, 1971	do	Sept. 30, 1973.
Currituck Grain, Inc., process operations.	do	T-2514	IV-2.30	Oct. 10, 1974	do	June 1, 1975.
DARE COUNTY						
Midstate Paving Co. of Fayetteville, Inc.	Manteo	T-1923	II-2.2 IV-1.40	Dec. 11, 1972	Immediately	June 1, 1973.
DAVIDSON COUNTY						
Burlington Industries	Denton	T-2146	II-2.2 IV-1.10 II-2.2	Mar. 2, 1973	Immediately	Aug. 1, 1973.
Burlington Industries	do	T-2146	II-2.2 IV-2.30	do	do	Dec. 31, 1973.
Colony Craft Plant	do	T-2316	IV-2.60	June 28, 1973	do	Do.
Philpott Plant:						
(a) Furniture finishing	Lexington	T-2338	IV-2.60	June 29, 1973	do	Dec. 13, 1973.
(b) Dust cyclone	do	do	IV-2.30	do	do	July 1, 1974.
(c) Wood waste boiler	do	do	II-2.2 IV-1.20	do	do	May 1, 1975.
Raleigh Road Plant	do	T-2325	IV-2.60	do	do	Do.
Table Plant	do	T-2315	IV-2.60	June 28, 1973	do	Do.
United Plant:						
(a) Hydrocarbons	do	T-2322	IV-2.60	do	do	Do.
(b) Cyclones	do	T-2322	IV-2.00	do	do	July 1, 1974.
Carolina Veneer, Inc	Thomasville	T-1537	I -2.2 IV-1.10 IV-2.40	Mar. 21, 1972	do	Jan. 1, 1973.
Commercial Carving Co	do	T-2049	II-2.2 IV-1.10 IV-2.40	Mar. 2, 1971	do	Dec. 31, 1973.
Conner Carving Co., Inc	do	T-2327	II-2.2 IV-2.30	June 29, 1973	do	April 1, 1974.
Davidson County Board of Education:						
(a) Central High School	Lexington	T-864	II-1.3	Apr. 27, 1971	do	Sept. 30, 1973.
Do	do	T-864	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1972.
(b) Churchland Elementary School.	do	T-866	II-1.3	do	do	Sept. 30, 1973.
Do	do	T-866	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1972.
(c) Denton School	Denton	T-868	II-1.3	do	do	Do.
Do	do	T-868	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(d) East Davidson High School	Thomasville	T-869	II-1.3	do	do	Sept. 30, 1973
Do	Lexington	T-869	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1972.
(e) Fair Grove School	do	T-867	II-1.3	do	do	Sept. 30, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Do	do	T-867	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1972.
(f) Hasty School	do	T-858	II-1.3	Apr. 26, 1971	do	Sept. 30, 1973.
(g) Ledford High School.	do	T-870	II-1.3	Apr. 27, 1971	do	Do.
Do	do	T-870	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1971.
(h) Linwood School	Linwood	T-871	II-1.3	do	do	Sept. 30, 1973.
Do	do	T-871	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1971.
(i) Midway School	Lexington	T-859	II-1.3	do	do	Sept. 30, 1973.
(j) North Davidson Senior High School.	do	T-861	II-1.3	do	do	Do.
Do	do	T-861	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1971.
(k) Pilot School	Thomasville	T-865	II-1.3	do	do	Sept. 30, 1973.
Do	do	T-865	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1971.
(l) Reedy Creek Elementary School.	Lexington	T-873	II-1.3	do	do	Sept. 30, 1973.
Do	do	T-873	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1972.
(m) Reed's School	do	T-872	II-1.3	do	do	Sept. 30, 1973.
Do	do	T-872	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1972.
(n) Silver Valley School	do	T-860	II-1.3	do	do	Sept. 30, 1973.
Do	do	T-860	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1971
(o) Southmont Elementary School.	Southmont	T-856	II-1.3	Apr. 26, 1971	do	Sept. 30, 1973.
(p) Tyro School	Lexington	T-863	II-1.3	Apr. 27, 1971	do	Do.
Do	do	T-863	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1971.
(q) Wallburg School	Wallburg	T-857	II-1.3	Apr. 26, 1971	do	Sept. 30, 1973.
(r) Welcome School	Welcome	T-862	II-1.3	Apr. 27, 1971	do	Do.
Do	do	T-862	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 30, 1971.
Denton Lumber Co	Denton	T-1429	II-2.2 IV-1.10 IV-2.30 IV-2.40	Oct. 15, 1971	do	Feb. 15, 1973.
Dixie Furniture Co., Inc	Lexington	T-1528	II-2.2 II-5.2 IV-1.10 IV-2.00 IV-2.40	Feb. 23, 1972	do	July 1, 1973.
Gilbert E. Futrell (Lumber Co.).	Denton	T-967	II-1.3	May 5, 1971	do	Feb. 15, 1973.
Gordon Veneer Corp	Lexington	T-2145	II-2.2	Mar. 2, 1973	do	July 1, 1973.
Hekman Cabinets	do	T-2417	IV-1.10, II-2.2 IV-2.30.	Mar. 18, 1974	do	Nov. 1, 1974.
Kayby Mills of North Carolina, Inc., Trimfit affiliate.	Thomasville	T-786	II-2.2 IV-1.10 IV-2.40	Apr. 15, 1971	do	Dec. 31, 1973.
Kepley-Frank Co., Inc	Lexington	T-2328	II-1.3	Mar. 18, 1974	do	May 1, 1974.
Kroehler Manufacturing Co	Welcome	T-214	II-2.2 IV-1.10 IV-2.40	Dec. 18, 1970	do	June 30, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Henry Link Corp	Lexington	T-1422	II-1.3 II-2.2 IV-2.30 IV-2.40	Oct. 6, 1971	do	July 31, 1973.
Link-Taylor Corp	do	T-1699	II-1.3	May 23, 1972	do	July 1, 1973.
Masonite Corp	Thomasville	T-2329	IV-2.60	do	do	Dec. 1, 1973.
Normandale Hosiery Mills	Linwood	T-612	II-1.3	Mar. 18, 1971	do	Mar. 1, 1973.
S & R Furniture	Thomasville	T-1441	II-2.2 IV-1.10 IV-2.40	Oct. 21, 1971	do	Dec. 31, 1973.
Surratt Hosiery Mill, Inc	Denton	T-673	II-1.3	Mar. 25, 1971	do	May 1, 1973.
Do	do	T-1522	II-2.2 IV-1.10 IV-2.40	Feb. 21, 1972	do	June 1, 1973.
Thomasville Furniture Industries, Inc.:						
Plant A	Thomasville	T-2334	IV-2.60	June 29, 1973	do	Jan. 1, 1974.
Plant B	do	T-2336	IV-2.60	do	do	Do.
Plant C	do	T-2335	IV-2.60	do	do	Do.
Plant D	do	T-2330	IV-2.60	do	do	Do.
Plant L	do	T-2331	IV-2.60	do	do	Do.
Plant T	do	T-2333	IV-2.60	do	do	Do.
Transcarolina Concrete Co	Lexington	T-2013	II-2.2 IV-1.90 IV-2.30	Mar. 2, 1973	do	Jan. 31, 1974.
Von Johan Furniture Co	Thomasville	T-2069	IV-2.60	Mar. 18, 1974	do	Nov. 15, 1973.
E. E. Wilson Floor Covering, Inc.	Lexington	T-2420	II-1.3	do	do	Mar. 1, 1971.
Wrenn Manufacturing Co	Thomasville	T-1466	I-2.2 IV-1.10 IV-2.40	Oct. 28, 1971	do	Dec. 31, 1973.
Young-Hinkle Corp	Lexington	T-1698	II-1.3	May 23, 1972	do	July 1, 1973.
Arcadia School, fuel combustion.	do	T-2281	II-2.2 IV-2.40 IV-1.10	Oct. 10, 1974	do	June 1, 1975.
Burlington Industries, Inc., process operations.	Denton	T-2309	II-2.2 IV-1.10	do	do	Do.
Indiana Moulding & Frame Co., process operations, fuel combustion.	Lexington	T-2406	II-2.2 IV-1.10	do	do	Jan. 1, 1975.
Link-Taylor Corp., process operations.	do	T-2453	II-2.2 IV-1.10	Oct. 10, 1975	do	June 1, 1975.
Carolina Panel Co., Inc	do	T-2326	II-2.2 IV-1.10	Mar. 15, 1974	do	Sept. 1, 1974.
DAVIE COUNTY						
Lowe's Food Store No. 17	Mocksville	T-2346	II-1.3	June 29, 1973	Immediately	Apr. 30, 1974.
Warren Brothers Co	do	T-2036	IV-1.10 IV-2.40	Jan. 5, 1973	do	July 1, 1973.
DUPLIN COUNTY						
Beulaville Milling Co	Beulaville	T-1307	II-1.3	July 9, 1971	Immediately	Dec. 31, 1973.
Calypso Plywood Co., Inc	Calypso	T-1577	II-2.2 IV-1.10 IV-2.40	May 1, 1972	do	June 30, 1973.
Carolina Millwork & Building Supply, Inc.	Warsaw	T-349	II-2.2 IV-1.10 IV-2.40	Feb. 4, 1971	do	Dec. 31, 1973.
Duplin County Board of Education:						
(a) Faison Junior High School.	Faison	T-386	II-1.3	Feb. 9, 1971	do	Dec. 31, 1972.
Do	do	T-386	II-2.2 IV-1.10	do	do	Aug. 31, 1973.
(b) Magnolia Elementary School	Magnolia	T-370	II-2.2 IV-1.10	Feb. 8, 1971	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
(c) Rose Hill Elementary Number 2.	Rose Hill	T-387	II-1.3	Feb. 9, 1971	do	Dec. 31, 1972.
Do	do	T-387	II-2.2 IV-1.10	do	do	Dec. 31, 1973.
(d) Wallace Elementary School.	Wallace	T-369	II-2.2 IV-1.10	Feb. 8, 1971	do	Aug. 31, 1973.
Town of Magnolia	Magnolia	T-303	II-1.3	Jan. 21, 1971	do	July 1, 1973.
Shepard Iron & Metal	Wallace	T-1708	II-1.3	May 30, 1972	do	June 30, 1973.
Simmon's Grains & Feeds	Albertson	T-1308	II-1.3	July 9, 1971	do	Dec. 31, 1973.
J.T. Summerlin Mill	Mount Olive	T-1337	II-1.3	July 22, 1971	do	Do.
Warsaw Feed Mill	Warsaw	T-1309	II-1.3	July 9, 1971	do	Do.
Warsaw Manufacturing Co	do	T-1845	II-1.3	July 19, 1972	do	June 30, 1973.
A&B Milling Co., process operations.	do	T-2504	II-2.2 IV-2.30	Oct. 10, 1974	do	June 1, 1975.
Beulaville Milling Co., process operations.	Beulaville	T-2505	II-2.2 IV-2.30	do	do	Do.
DURHAM COUNTY						
American Tobacco Co	Durham		II-2.2 IV-1.10 IV-2.40	Feb. 8, 1973	Immediately	May 21, 1973.
Duke University Campus West.	do		II-2.2 IV-1.10 IV-2.40	do	do	Nov. 31, 1974.
Durham City School System:						
(a) Brogden Junior High School.	do		II-2.2 IV-1.10	do	do	Oct. 1, 1973.
(b) Durham High School.	do		II-2.2 IV-1.10	do	do	Do.
(c) E. K. Powe School	do		II-2.2 IV-1.10	do	do	Sept. 1, 1974.
(d) George Watts School.	do		II-2.2 IV-1.10	do	do	Do.
Durham County Board of Education:						
(a) Bethesda School	do		II-2.2 IV-1.10	do	do	Sept. 1, 1973.
(b) Carrington Junior High School.	do		II-2.2 IV-1.10	do	do	Sept. 1, 1974.
(c) County School Bus Garage.	do		II-2.2 IV-1.10	do	do	Do.
(d) Glenn School	do		II-2.2 IV-1.0	do	do	Sept. 1, 1973.
(e) Hillandale School	do		II-2.2 IV-1.10	do	do	Do.
(f) Holt School	do		II-2.2 IV-1.10	do	do	Do.
(g) Hope Valley School	do		II-2.2 IV-1.10	do	do	Do.
(h) Jordan High School	do		II-2.2 IV-1.10	do	do	Sept. 1, 1974.
(i) Lakeview School	do		II-2.2 IV-1.10	do	do	Do.
(j) Little River School	Bahama		II-2.2 IV-1.10	do	do	Do.
(k) Mangum School	do		II-2.2 IV-1.10	do	do	Do.
(l) Merrick Moore School.	Durham		II-2.2 IV-1.10	do	do	Do.
(m) Northern High School.	do		II-2.2 IV-1.10	do	do	Do.
(n) Oak Grove School	do		II-2.2 IV-1.10	do	do	Do.
(o) Pearsontown School.	do		II-2.2 IV-1.10	do	do	Do.
(p) Southern High School.	do		II-2.2 IV-1.10	do	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Golden Belt Manufacturing Co.	do		IV-2.60	do	do	July 1, 1975.
Hardee's of Durham	do		II-2.2 II-5.2.	do	do	Jan. 1, 1975.
Hardee's of University Drive	do		II-2.2 II-5.2	do	do	Jan. 1, 1974.
Hardee's of West Durham	do		II-2.2 II-5.2	do	do	Jan. 1, 1975.
Hardee's No. 4	do		II-2.2 II-5.2.	do	do	Jan. 1, 1974.
Liggott and Myers, Inc. (West Main and Fuller Sts.).	do		II-2.2 IV-1.10 IV-2.40	do	do	Mar. 31, 1974.
Lincoln Hospital	do		II-2.2 IV-1.10 IV-2.40	do	do	Feb. 1, 1973.
North Carolina National Bank (West Main St.).	do		II-2.2 IV-1.10	do	do	Mar. 1, 1975.
Liggett & Myers, Inc., process operations.	do	T-2500	IV-1.10	Oct. 10, 1974	do	May 31, 1975.
Wade Daniel Cabinet Shop, process operation.	do	T-2492	II-2.2 IV-2.30	do	do	Feb. 28, 1975.
EDGECOMBE COUNTY						
Carolina Enterprise Inc	Tarboro	T-2430	II-2.2 IV-2.30 IV-2.60	Mar. 18, 1974	Immediately	Oct. 1, 1974.
Carolina Tire Co	Rocky Mount	T-2247	II-2.2 II-5.2 IV-2.30	June 27, 1973	do	Oct. 15, 1973.
Edgecombe County Board of Education:						
(a) Carver School	Pinetops	T-944	II-1.3	May 6, 1971	do	Dec. 31, 1972.
Do	do	T-944	II-2.2 IV-1.10	do	do	Oct. 31, 1973.
(b) Conetce School	Conetoe	T-948	II-1.3	do	do	Dec. 31, 1972.
Do	do	T-948	II-2.2 IV-1.10	do	do	Oct. 31, 1973.
(c) Living Hope School	Macclesfield	T-949	II-1.3	do	do	Dec. 31, 1972.
Do	do	T-949	II-2.2 IV-1.10	do	do	Oct. 31, 1973.
(d) North Edgecombe School.	Leggett	T-950	II-1.3	do	do	Dec. 31, 1972.
Do	do	T-950	II-2.2 IV-1.10	do	do	Apr. 1, 1973.
(e) West Edgecombe School.	Rocky Mount	T-943	II-1.3	do	do	Dec. 31, 1972.
Do	do	T-943	II-2.2 IV-1.10	do	do	Oct. 31, 1973.
Edgecombe General Hospital.	Tarboro	T-2298	IV-1.30	June 28, 1973	do	Nov. 6, 1973.
Edgecombe Technical Institute.	do	T-1977	II-2.2 IV-1.10 IV-2.40	Dec. 14, 1972	do	Sept. 1, 1973.
Kaiser Agricultural Chemicals.	Rocky Mount	T-2233	II-2.2 II-5.2 IV-1.50 IV-2.30	June 27, 1973	do	Dec. 1, 1973.
Z. V. Long	Tarboro	T-1527	II-2.2 II-5.2 IV-2.30 IV-2.40	Feb. 23, 1972	do	Sept. 1, 1973.
Long Manufacturing Co	do	T-2096	II-5.2 IV-2.30 IV-2.60	Mar. 2, 1973	do	Dec. 31, 1973.
Town of Pinetops	Pinetops	T-272	II-1.3	Jan. 11, 1971	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Planters Oil Mill, Inc.:						
(a) Meal room operation.	Rocky Mount	T-2379	II-2.2 II-5.2 IV-2.30	June 29, 1973	do	Oct. 1, 1973.
(b) Lint handling operation.	do	T-2379	II-2.2 II-5.2 IV-2.30	do	do	Oct. 1, 1974.
Rocky Mount Board of Education:						
(a) Gorham Elementary School.	do	T-542	II-2.2 IV-1.10	Mar. 10, 1971	do	Oct. 15, 1973.
(b) R.M. Wilson Jr. High School.	do	T-543	II-2.2 IV-1.10	do	do	Do.
F.S. Royster Merchantile Co., Inc.	Tarboro	T-2380	II-2.2 II-5.2 IV-1.50	June 29, 1973	do	Dec. 31, 1973.
Seaboard Coastline Railroad Co., Emerson Shops.	Rocky Mount	T-2067	IV-2.60	Mar. 2, 1973	do	Apr. 1, 1974.
Tarboro City School System:						
(a) Bridgers School	Tarboro	T-300	II-2.2 IV-1.10	Jan. 20, 1971	do	Dec. 31, 1973.
(b) Pattillo School	do	T-299	II-2.2 IV-1.10	do	do	Do.
(c) Tarboro High School.	do	T-209	II-2.2 IV-1.10	do	do	Do.
Trenco, Inc	Rocky Mount	T-2050	II-2.2 IV-2.30	Mar. 2, 1973	do	Apr. 1, 1973.
Trinity Industries	do	T-2066	IV-2.60	do	do	July 1, 1973.
Winn-Dixie Raleigh, Inc., store No. 833.	Tarboro	T-2365	IV-1.30	June 29, 1973	do	Dec. 15, 1973.
FORSYTH COUNTY						
Bassick-Sack-Stewart Warner Corp.	Winston-Salem		II-2.2 IV-2.30	Feb. 2, 1973	Immediately	Dec. 31, 1973.
Burlington Industries, Kernersville Finishing Plant.	Kernersville		II-2.2 II-5.2 IV-2.60	Jan. 15, 1973	do	Dec. 31, 1974.
Industrial Metals Alloy Co	Winston-Salem		II-2.2 IV-2.30	Feb. 6, 1973	do	Dec. 31, 1973.
L.A. Reynolds Co	do		II-2.2 IV-1.40	Jan. 11, 1973	do	June 1, 1973.
R.J. Reynolds Tobacco Co., Whitaker Park Steam Plant.	do		II-2.2 IV-1.10	Dec. 18, 1972	do	Sept. 16, 1973.
Weaver Fertilizer Co	do		II-2.2 IV-1.50	Dec. 21, 1972	do	Sept. 10, 1973.
Winston-Salem/Forsyth County Board of Education:						
(a) Cook School	Forsyth County		II-2.2 IV-1.10	Jan. 15, 1973	do	May 15, 1973.
(b) Diggs School	do		II-2.2 IV-1.10	do	do	Do.
(c) Easton School	do		II-2.2 IV-1.10	do	do	Do.
(d) Konnoak School	do		II-2.2 IV-1.10	do	do	Oct. 3, 1972.
(e) Latham School	do		II-2.2 IV-1.10	do	do	May 15, 1973.
(f) Mineral Springs Elementary School.	do		II-2.2 IV-1.10	do	do	Oct. 3, 1972.
(g) Petree School	do		II-2.2 IV-1.10	do	do	June 30, 1973.
(h) Vienna School	do		II-2.2 IV-1.10	do	do	May 15, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
(i) Walkertown Elementary School.	do		II-2.2 IV-1.10	do	do	Oct. 3, 1972.
(j) Whitaker School	do		II-2.2 IV-1.10	June 15, 1973	do	May 15, 1973.
Winston-Salem State University.	Winston-Salem		II-2.2 IV-1.10 IV-2.40	Dec. 1, 1972	do	June 5, 1973.
Adams-Mills Fabrics, Inc., (2) artos tenter frames for drying and heat setting.	do	T-096-2	II-2.0	Aug. 28, 1974	do	Dec. 5, 1974.
Hanes Dye and Finishing Co.:						
Boilers	do	T-042-7	II-2.0	Aug. 6, 1974	do	Feb. 1, 1975.
Processing equipment	do	T-052-4	II-2.0	do	do	Oct. 1, 1974.
Sheppard Veneer Co., Fitzgibbons fire tube boiler.	do	T-100-2	II-2.0 IV-1.20	June 21, 1974	do	Dec. 31, 1974.
FRANKLIN COUNTY						
Alford Lumber Co	Louisburg	T-2017	II-1.3	Mar. 2, 1973	Immediately	Dec. 31, 1973.
F. H. Allen Gin	do	T-1978	II-2.2 IV-2.30	Dec. 14, 1972	do	July 1, 1973.
Dean Farms	do	T-344	II-1.3	Feb. 4, 1971	do	July 31, 1973.
Franklin County Board of Education:						
(a) Edward Best Elementary School.	do	T-564	II-1.3	Mar. 10, 1971	do	July 1, 1973.
Do	do	T-564	II-2.2 IV-1.10	do	do	Sept. 30, 1971.
(b) Edward Best High School.	do	T-566	II-1.3	Mar. 11, 1971	do	July 1, 1973.
(c) Bunn Elementary School.	Bunn	T-558	II-1.3	Mar. 10, 1971	do	Dec. 31, 1972.
Do	do	T-558	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
(d) Bunn High School	do	T-559	II-1.3	do	do	Dec. 31, 1972.
Do	do	T-559	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
(e) Epsom High School	Henderson	T-568	II-1.3	Mar. 11, 1971	do	July 1, 1973.
(f) Franklin County School Garage.	Louisburg	T-557	II-1.3	Mar. 10, 1971	do	Dec. 31, 1973.
Do	do	T-557	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
(g) Franklin County School Office.	do	T-565	II-1.3	Mar. 11, 1971	do	July 1, 1973.
(h) Gold Sand Elementary School.	do	T-561	II-1.3	do	do	Do.
Do	do	T-561	II-2.2 IV-1.10	do	do	Sept. 30, 1972.
(i) Gold Sand High School.	do	T-562	II-1.3	Mar. 10, 1971	do	July 1, 1973.
Do	do	T-562	II-2.2 IV-1.10	do	do	Sept. 30, 1972.
(j) Louisburg Elementary School.	do	T-567	II-1.3	Mar. 11, 1971	do	July 1, 1973.
(k) Louisburg High School.	do	T-563	II-1.3	Mar. 10, 1971	do	Do.
Do	do	T-563	II-2.2 IV-1.10	do	do	Sept. 30, 1971.
(l) Methods and Materials Center.	do	T-569	II-1.3	Mar. 11, 1971	do	July 1, 1973.
(m) Youngsville High School.	Youngsville	T-560	II-1.3	Mar. 10, 1971	do	Dec. 13, 1972.
Do	do	T-560	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
Franklinton City Board of Education, Franklinton.	Franklinton	T-594	II-2.2 IV-1.10	Mar. 12, 1971	do	June 30, 1973.
Louisburg College	Louisburg	T-2289	II-2.2 IV-1.10	June 28, 1973	do	Oct. 1, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			IV-2.40			
Town of Louisburg	do	T-791	II-1.3	Apr. 19, 1971	do	Dec. 31, 1973.
Pruitt Lumber Co	do	T-1779	II-1.3	June 29, 1972	do	Do.
Rishel Furniture Co	do	T-2452	IV-2.60	Mar. 18, 1974	do	July 31, 1974.
Stallings Milling Co., Inc	do	T-1914	II-1.3	Dec. 11, 1972	do	Do.
GASTON COUNTY						
Adventure Mills	Gastonia		II-2.2 IV-2.60	Apr. 10, 1973	Immediately	July 3, 1973.
Armtex, Inc	do		II-2.2 IV-2.60	do	do	Nov. 1, 1973.
Beaunit Corp	Lowell		II-2.2 IV-2.60	do	do	July 3, 1973.
Gaston County schools:						
(a) Bessemer City Central Gym.	Bessemer City		II-2.2 IV-1.10	do	do	June 30, 1974.
(b) Costner Elementary	Dallas		II-2.2 IV-1.10	do	do	Do.
(c) Cramerton School Gym.	Cramerton		II-2.2 IV-1.10	do	do	Do.
(d) Lowell Elementary Gym.	Lowell		II-2.2 IV-1.10	do	do	Do.
(e) Lowell Elementary Bldg.	do		II-2.2 IV-1.10	do	do	Do.
(f) Lowell Elementary Office Bldg.	do		II-2.2 IV-1.10	do	do	Do.
(g) North Belmont Cafeteria.	North Belmont		II-2.2 IV-1.10	do	do	Do.
(h) North Belmont Office Bldg.	do		II-2.2 IV-1.10	do	do	Do.
(i) North Belmont Primary Bldg.	do		II-2.2 IV-1.10	do	do	Do.
(j) Mount Holly High Gym.	Mount Holly		II-2.2 IV-1.10	do	do	Do.
(k) Mount Holly High Auditorium.	do		II-2.2 IV-1.10	do	do	Do.
(l) Mount Holly High School Old Bldg.	do		II-2.2 IV-1.10	do	do	Do.
(m) Pleasant Ridge	Gastonia		II-2.2 IV-1.10	do	do	Do.
(n) Robinson School	do		II-2.2 IV-1.10	do	do	Do.
(o) Springfield	Stanley		II-2.2 IV-1.10	do	do	Do.
Hardee's of Belmont	Belmont		II-2.2 II-5.2	do	do	Nov. 1, 1973.
Hardee's of Gastonia	Gastonia		II-2.2 II-5.2	do	do	Do.
Hardee's of Westgate	do		II-2.2 II-5.2	do	do	Do.
Li'l Chef of Gastonia	do		II-2.2 II-5.2	do	do	Do.
Lithium Corp. of America	Bessemer City	T-1506		Dec. 21, 1971	do	
(a) Sulfur oxides from ore roasting.	do	T-1506	II-5.2 IV-2.30	do	do	July 1, 1972.
(b) Chlorine from lithium chloride reduction.	do	T-1506	II-2.2 II-5.2	do	do	June 30, 1973.
(c) Fluorides from ore decrepitation.	do	T-1506	II-2.2 IV-2.30	do	do	Apr. 1, 1974.
Scott Mills	Gastonia		II-2.2 IV-2.60	Apr. 10, 1973	do	Jan. 1, 1973.
Wales Manufacturing Co	do		II-2.2 IV-2.60	do	do	Feb. 1, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
GATES COUNTY						
Gates County Board of Education:						
(a) Buckland School	Gatesville	T-1117	II-1.3	May 13, 1971	Immediately	Dec. 31, 1973.
(b) Central Junior High School.	do	T-1112	II-1.3	do	do	Do.
Do	do	T-1112	II-2.2 IV-1.10	do	do	Dec. 31, 1972.
(c) T. S. Cooper School	do	T-1115	II-1.3	do	do	Dec. 31, 1973.
Do	do	T-1115	II-2.2 IV-1.10	do	do	Dec. 31, 1971.
(d) Gates County High School.	do	T-1113	II-1.3	do	do	Dec. 31, 1973.
Do	do	T-1113	II-2.2 IV-1.10	do	do	Dec. 31, 1962.
(e) Gatesville School	do	T-1116	II-1.3	do	do	Dec. 31, 1973.
Do	do	T-1116	II-2.2 IV-1.10	do	do	Dec. 31, 1971.
(f) Sunbury School	Sunbury	T-1114	II-1.3	do	do	Dec. 31, 1973.
Do	do	T-1114	II-2.2 IV-1.10	do	do	Dec. 31, 1972.
Ashton Lewis Lumber Co	Gatesville	T-1850	II-1.3	July 28, 1972	do	Mar. 31, 1973.
Do	do	T-742	II-1.3	Apr. 7, 1971	do	Mar. 1, 1973.
Wright Milling Co., process operations.	Hobbsville	T-2513	IV-2.30	Oct. 10, 1974	do	May 15, 1973.
GRAHAM COUNTY						
Bemis Hardwood Lumber Co.:						
(a) Open burning	Robbinsville	T-2279	II-1.3	June 28, 1973	Immediately	Sept. 1, 1973.
(b) Fuel combustion	do	T-2279	II-2.2 IV-1.20	do	do	Dec. 31, 1973.
Graham Board of Commissioners.	do	T-2268	II-2.2 IV-1.10 IV-2.40	June 27, 1973	do	Oct. 15, 1974.
Graham County Board of Education.						
(a) Mountain View Union School.	Tapuco	T-1494	II-1.3 II-2.2 IV-1.10	Nov. 4, 1971	do	Dec. 31, 1973.
(b) Robbinsville Elementary School.	Robbinsville	T-1493	II-1.3 II-2.2 IV-1.10	do	do	Do.
(c) Robbinsville High School.	do	T-1495	II-1.3 II-2.2 IV-1.10	do	do	Do.
(d) Steoch Union School.	do	T-1496	II-1.3 II-2.2 IV-1.10	do	do	Do.
GRANVILLE COUNTY						
Adams Products Co	Oxford	T-2437	II-2.2 II-5.2 IV-2.30 IV-2.60	Mar. 18, 1974	Immediately	Apr. 1, 1974.
Athol Manufacturing, Plymouth Division, Emhart Corp.	Butner	T-2010	IV-2.30	Dec. 15, 1972	do	Nov. 1, 1973.
General Processors, Inc	Oxford	T-2424	II-2.2 IV-2.30	Mar. 18, 1974	do	Aug. 1, 1974.
Graystone Concrete Products Inc.	do	T-2444	II-2.2 IV-2.30	do	do	Nov. 1, 1974.
IMI Warp Knits	do	T-2428	II-2.2 IV-2.30	do	do	June 1, 1974.
Oxford Laundry & Cleaner	do	T-2225	II-2.2	June 28, 1973	do	Sept. 30, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			IV-1.10 IV-2.40			
Winn-Dixie Raleigh, Inc., Store No. 848.	do	T-2371	IV-1.30	June 29, 1973	do	Dec. 15, 1973.
Central Carolina Farmers, Inc., process operations.	do	T-2497	II-2.2 IV-2.30	Oct. 10, 1974	do	May 31, 1957.
GREENE COUNTY						
Edge Brothers Lumber Co., Inc.	Snow Hill	T-1921	II-1.3	Dec. 11, 1972	Immediately	Jan. 1, 1973.
Greene County Board of Education:						
(a) East Greene Elementary School.	Hookerton	T-177	II-1.3 II-2.2 IV-1.10	Dec. 9, 1970	do	June 30, 1973.
(b) Greene Central High School.	Snow Hill	T-178	II-1.3	do	do	Jan. 31, 1973.
(c) Maury Elementary School.	Maury	T-180	II-1.3	do	do	Do.
(d) North Greene School.	Walstonburg	T-176	II-1.3 II-2.2 IV-1.10	do	do	Do.
(e) Walstonburg Elementary School.	do	T-181	II-1.3	do	do	Do.
(f) West Greene School.	Snow Hill	T-179	II-1.3	do	do	Do.
Town of Hookerton	Hookerton	T-124	II-1.3	Nov. 6, 1970	do	July 31, 1973.
Town of Snow Hill	Snow Hill	T-1689	II-1.3	May 19, 1972	do	June 30, 1973.
Snow Hill Milling Co., Inc	do	T-1194	II-1.3	May 25, 1971	do	Dec. 31, 1973.
GUILFORD COUNTY						
A & T University	Greensboro		II-2.2 IV-1.10 IV-2.40	Apr. 10, 1973	Immediately	May 31, 1973.
Cone Mills, Mineola Plant	do		II-2.2 IV-2.30	do	do	Aug. 31, 1973.
Cone Mills, Power Plant	do		II-2.2 IV-1.10 IV-2.40	do	do	Do.
Hayworth Panel Co	High Point		II-2.2 IV-2.00 IV-2.30	do	do	Feb. 15, 1973.
USS Agri-Chemicals, division of United States Steel Corp.	Greensboro	T-1742	II-2.2 II-5.2 IV-1.50 IV-2.40	June 28, 1972	do	
HALIFAX COUNTY						
Albemarle Paper Co.:						
(a) Units 4, 7, 8, 9, 10, 11, 12.	Roanoke Rapids.	T-1632	IV-1.60 IV-2.40	May 8, 1972	Immediately	Oct. 1, 1972.
(b) Lime kiln	do	T-1632	IV-1.60	do	do	May 4, 1974.
(c) Power boiler No. 1	do	T-1632	IV-1.10 IV-2.40	do	do	Dec. 1, 1974.
(d) Recovery boiler No. 7.	do	T-1632	II-5.2 IV-1.60	do	do	Apr. 1, 1975.
(e) Recovery boiler No. 5.	do	T-1632	IV-1.60	do	do	Do.
(f) Recovery boiler No. 6.	do	T-1632	IV-1.60	do	do	June 1, 1975.
(g) Steam boiler No. 2	do	T-1632	IV-1.10 IV-2.40	do	do	Do.
(h) Recovery boilers No. 5 and No. 6; smelt dissolving vents.	do	T-1632	II-5.2 IV-1.60	do	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Bunting Lumber Co	Scotland Neck	T-2086	II-1.3	Mar. 2, 1973	do	July 31, 1973.
Columbian Peanut Co	Eufield	T-1855	II-1.3	Mar. 15, 1974	do	July 1, 1974.
Do	do	T-2427	II-2 IV2-2	Mar. 18, 1974	do	Sept. 1, 1974.
Do	Scotland Neck	T-2450	IV-2.30	do	do	July 1, 1974.
Farmers Supply Co., Inc	Enfield	T-1824	II-1.30	July 3, 1972	do	Feb. 1, 1973.
Halifax Gin Co	Halifax	T-2154	II-2.2 IV-2.30	Mar. 2, 1973	do	Aug. 30, 1974.
Harris Gin Co	Enfield	T-1979	II-2.2 IV-2.30	Dec. 14, 1972	do	Oct. 1, 1973.
Mitchell Lumber Co	Weldon	T-1835	II-1.3	July 1, 1972	do	June 30, 1973.
Roanoke Gin Co	Tillery	T-1916	II-2.2 IV-2.30	Dec. 11, 1972	do	Oct. 1, 1973.
Rosemary Gin Co	Roanoke Rapids.	T-1906	II-2.2 IV-2.30	do	do	Sept. 1, 1973.
Town of Scotland Neck	Scotland Neck	T-286	II-1.3	Jan. 13, 1971	do	June 30, 1973.
J. P. Stevens & Co., Inc.:						
Roanoke Plant No. 1	Roanoke Rapids.	T-781	II-2.2 IV-1.10 IV-2.40	Apr. 15, 1971	do	July 15, 1973.
Rosemary Plant	do	T-783	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Patterson Plant	do	T-782	IV-1.10 IV-2.40	do	do	
Uptegraff Southern, Inc	do	T-2249	IV-2.60	June 27, 1973	do	Dec. 31, 1973.
Weldon Gin Co	Weldon	T-2140	II-2.2 IV-2.30	Mar. 2, 1973	do	Oct. 1, 1973.
Winn-Dixie Raleigh, Inc., store No. 837.	Roanoke Rapids.	T-2373	IV-1.30	June 29, 1973	do	Dec. 15, 1973.
I. D. Wood Gin	Enfield	T-2053	II-2.2 IV-2.30	do	do	Sept. 1, 1973.
Beasley Lumber Products, fuel combustion.	Scotland Neck	T-2493	II-2.2 IV-2.40 IV-1.10	Oct. 10, 1974	do	Dec. 31, 1974.
Federal Paper Board Co., Inc., fuel combustion.	Roanoke Rapids.	T-2489	II-2.2 IV-2.40 IV-1.10	do	do	June 1, 1975.
J. S. Turner & Sons, Inc., fuel combustion.	Weldon	T-2488	II-2.2 IV-2.40 IV-1.10	do	do	June 30, 1975.
Rose's Store No. 16, fuel combustion.	Enfield	T-2487	II-2.2 IV-2.40 IV-1.10	do	do	May 31, 1975.
Weldon Veneer Co., Inc., fuel combustion.	Weldon	T-2491	II-2.2 IV-2.40 IV-1.10	do	do	June 1, 1975.
J. P. Stevens:						
Rosemary plant	Roanoke Rapids.	T-783	II-2.2 IV-1.1 IV-2.4	Sept. 6, 1973	do	Do.
Roanoke No. 1	do	T-781	II-2.2 IV-1.10 IV-2.40	do	do	June 1, 1974.
HARNETT COUNTY						
Alphin Brothers, Inc	Dunn	T-2283	IV-1.30	June 28, 1973	Immediately	Oct. 31, 1973.
Angier Gin Co	Angier	T-1994	II-2.2 IV-2.30	Mar. 2, 1973	do	Oct. 1, 1973.
Bien Jolie Foundations	Dunn	T-1982	II-1.3	Dec. 14, 1972	do	Apr. 30, 1973.
Burlington Industries, Erwin Apparel Division.	Erwin	T-1624	II-2.2 IV-1.10 IV-2.40	May 30, 1972	do	Jan. 1, 1974.
Coats Milling Co	Coats	T-1983	II-2.2 IV-2.30	Dec. 14, 1972	do	May 30, 1973.
General Utility Co	Dunn	T-2078	II-2.2 IV-2.30	Mar. 2, 1973	do	Sept. 1, 1973.
Good Hope Hospital	Erwin	T-1314	II-1.3	July 15, 1971	do	Dec. 31, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Hardwood Dimensions, Inc	Dunn	T-1984	II-1.3	Dec. 14, 1972	do	May 1, 1973.
Harnett County Board of Education:						
(a) Anderson Creek School.	Lillington	T-1215	II-1.3	June 8, 1971	do	June 30, 1973.
(b) Angier School	Angier	T-1216	II-1.3	June 9, 1971	do	Do.
(c) Benhaven School	Lillington	T-1218	II-1.3	June 16, 1971	do	June 30, 1971.
(d) Boone Trail School	do	T-1217	II-1.3	June 10, 1971	do	June 30, 1973.
(e) Buies Creek School	Buies Creek	T-1219	II-1.3	June 16, 1971	do	Do.
(f) Coats School	Coats	T-1220	II-1.3	do	do	Do.
(g) Dunn High School	Dunn	T-1233	II-1.3 II-2.2 IV-1.10 IV-2.40	June 17, 1971	do	Do.
(h) Erwin High School	Erwin	T-1232	II-1.3	do	do	Do.
(i) Gentry School	Lillington	T-1221	II-1.3	June 16, 1971	do	Do.
(j) Harnett School	do	T-1222	II-1.3	do	do	Do.
(k) Johnsonville School	do	T-1223	II-1.3	do	do	Do.
(l) Lafayette School	do	T-1224	II-1.3	June 9, 1971	do	Do.
(m) Lillington High School.	do	T-1225	II-1.3	do	do	Do.
(n) Magnolia Avenue School.	do	T-1226	II-1.3	June 16, 1971	do	June 30, 1971.
(o) North Harnett School.	do	T-1228	II-1.3	June 17, 1971	do	June 30, 1973.
(p) Shawtown School	do	T-1230	II-1.3	do	do	Do.
(q) South Harnett School.	Lilington	T-1229	II-1.3	do	do	Do.
(r) Mary Stewart School	do	T-1227	II-1.3	do	do	Do.
(s) Wayne Avenue School.	do	T-1231	II-1.3	do	do	Do.
Johnson Brothers Utility & Paving.	do	T-1980	II-2.2 IV-1.40	Dec. 14, 1972	do	Apr. 30, 1973.
Betsy Johnson Memorial Hospital.	Dunn	T-1981	II-2.2 IV-1.30	do	do	Do.
Josey Farm Services, Inc	Lillington	T-1571	II-2.2 II-5.2 IV-2.30	Apr. 28, 1972	do	July 1, 1973.
Morganite, Inc	Dunn	T-1784	II-2.2 II-5.2 IV-2.30	June 29, 1972	do	July 1, 1974.
Perry Bros. Tire Service	Dunn Durham	T-2446	II-2.2 IV-2.30	Mar. 18, 1974	do	May 15, 1974.
Tilley Lumber Co	Chalybeate	T-1066	II-1.3	May 10, 1971	do	June 30, 1973.
Turlington Gin	Dunn	T-2072	II-2.2 IV-2.30	Mar. 2, 1973	do	Sept. 1, 1973.
Wimberly Feed Mill, Inc	Angier	T-1985	II-2.2 IV-2.30	Dec. 14, 1972	do	May 30, 1973.
Winn-Dixie Raleigh, Inc., store No. 897.	do	T-2349	IV-1.30	June 29, 1973	do	Nov. 1, 1973.
J. E. Womble & Son, Inc	Lillington	T-1986	II-2.2 II-5.2 IV-2.30	do	do	May 30, 1973.
HAYWOOD COUNTY						
Bi-Lo, Inc	Waynesville		II-2.2 IV-1.30	Dec. 21, 1972	Immediately	June 30, 1973.
Haywood County Board of Education:						
(a) Beaverdam Elementary School.	Haywood County.		II-2.2 IV-1.10	do	do	Sept. 1, 1974.
(b) Canton Junior High School.	Canton		II-2.2 IV-1.10	do	do	Sept. 1, 1973.
(c) Clyde Elementary School.	Clyde		II-2.2 IV-1.10	do	do	Do.
(d) Crabtree Elementary School.	Haywood County.		II-2.2 IV-1.10	do	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
(e) East Waynesville Elementary School.	do		II-2.2 IV-1.10	Dec. 21, 1973	do	Sept. 1, 1974.
(f) Waynesville Junior High School.	Waynesville		II-2.2 IV-1.10	Dec. 21, 1972	do	
U.S. Plywood Champion Papers, Inc. Canton Mill:						
(a) Recovery furnaces Nos. 7, 8, 9.	Canton	T-1857	II-2.2 II-5.2 IV-1.60 IV-2.40	July 24, 1972	do	June 30, 1973.
(b) Lime kilns Nos. 4 and 5.	do	T-1857	II-2.2 II-5.2 IV-1.60 IV-2.40	do	do	Feb. 28, 1975.
(c) Sterling boilers	do	T-1857	II-2.2 II-5.2 IV-1.60 IV-2.40	July 24, 1972	do	June 1, 1975.
U.S. Plywood, Champion Papers, Inc.	Canton	T-792	II-2.2 IV-1.10 IV-2.40	Apr. 16, 1971	do	June 30, 1973.
HENDERSON COUNTY						
Basic Ceramics	Hendersonville	T-2161	II-2.2 IV-2.30	Oct. 9, 1974	Immediately	Feb. 1, 1975.
Bi-Lo, Inc	Fletcher	T-1941	II-1.3	Dec. 12, 1972	do	June 30, 1973.
Community Mills, Inc	Hendersonville	T-1946	II-2.2 IV-2.30	do	do	Do.
Fletcher Asphalt Co	do	T-1933	II-2.2 II-5.2 IV-1.40	do	do	Do.
General Electric Co., Lighting Systems Division.	do	T-2266	II-2.2 II-5.2 IV-2.60 IV-2.30	June 27, 1973	do	Apr. 1, 1974.
Hendersonville Block Co	do	T-1934	II-1.3 IV-1.90 IV-2.30	do	do	Do.
City of Hendersonville	do	T-598	II-1.3	Apr 9, 1971	do	Apr. 1, 1974.
Henderson County Board of Education:						
(a) Balfour School	Balfour	T-1328	II-1.3	July 19, 1971	do	Sept. 1, 1973.
(b) Dana School	Dana	T-1327	II-1.3	do	do	Do.
(c) East Flat Rock School.	East Flat Rock	T-1336	II-1.3	do	do	Sept. 31, 1973.
(d) East Henderson School.	Flat Rock	T-1333	II-1.3	do	do	Sept. 1, 1973.
(e) Edneyville Primary School.	Edneyville	T-1326	II-1.3	do	do	Do.
(f) Edneyville School	Hendersonville	T-1332	II-1.3	do	do	Do.
Do	do	T-1332	II-2.2 IV-1.10	do	do	Dec. 31, 1971.
(g) Etowah School	do	T-1334	II-1.3	do	do	Sept. 1, 1973.
(h) Flat Rock School	Flat Rock	T-1331	II-1.3	do	do	Do.
Do	do	T-1331	II-2.2 IV-1.10	do	do	June 30, 1972.
(i) Fletcher School	Hendersonville	T-1335	II-1.3	do	do	Sept. 1, 1973.
(j) Hillandale School	East Flat Rock	T-1324	II-1.3	do	do	Sept. 31, 1973.
Do	do	T-1324	II-2.2 IV-1.10	do	do	Dec. 31, 1971.
(k) Mills River School	Horse Shoe	T-1323	I-1.3	do	do	Sept. 31, 1973.
Do	do	T-1323	II-2.2 IV-1.10	do	do	Dec. 31, 1971.
(l) Tuxedo School	Tuxedo	T-1325	II-1.3	do	do	Sept. 1, 1973.
Do	do	T-1325	II-2.2 IV-1.10	do	do	Dec. 31, 1971.
(m) Valley Hill School	Hendersonville	T-1330	II-1.3	do	do	Sept. 1, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
(n) West Henderson School.	do	T-1329	II-1.3	do	do	Do.
Manning Fisher Co., Inc	do	T-2462	II-2.2 IV-2.30	Mar. 22, 1974	do	June 1, 1974.
Newman Concrete Works	do	T-1936	II-2.2 IV-1.90 IV-2.30	Dec. 12, 1972	do	May 1, 1973.
Warren Brothers Co	do	T-2055	II-2.2 IV-2.30	Mar. 2, 1973	do	July 1, 1973.
Cranston Print Works Co., process operations.	Fletcher	T-2475	II-2.2 II-5.2 IV-2.30	Oct. 10, 1974	do	May 31, 1975.
HERTFORD COUNTY						
Colombian Peanut Co	Ahoskie	T-2398	IV-2.30	Mar. 18, 1974	Immediately	July 1, 1974.
Hertford County Board of Education, R. L. Vann School.	do	T-526	II-2.2 IV-1.10 IV-2.40	Mar. 8, 1971	do	Sept. 1, 1973.
Charles L. Revelle and Sons, Inc.	Murfreesboro	T-1904	II-2.2 IV-2.30	Dec. 11, 1972	do	Oct. 1, 1973.
Rose Brothers Paving Co., Inc.	do	T-2204	II-2.2 II-5.2 IV-1.40 IV-2.40 IV-2.60	June 27, 1973	do	Mar. 15, 1974.
Vann Gin Co	do	T-1903	II-2.2 IV-2.30	do	do	Sept. 1, 1973.
Chowan Milling Co., Inc., process operations.	Como	T-2518	IV-2.30	Oct. 10, 1974	do	June 1, 1975.
G. V. Wise Products, process operations.	Murfreesboro	T-2524	IV-2.30	do	do	Do.
HOKE COUNTY						
Burlington Industries, Inc., Raeford Plant.	Raeford	T-1690	II-2.2 IV-1.10 IV-2.40	May 19, 1972	Immediately	Jan. 1, 1974.
Hoke County Board of Education:						
(a) Scurlock Elementary School.	do	T-413	II-1.3	Feb. 12, 1971	do	Dec. 31, 1973.
(b) South Hoke School	do	T-411	II-1.3	Feb. 11, 1971	do	Dec. 31, 1972.
(c) Upchurch School	do	T-414	II-1.3	Feb. 12, 1971	do	Dec. 31, 1973.
(d) West Hoke School	do	T-410	II-1.3	Feb. 11, 1971	do	Do.
Hoke Oil and Fertilizer Co	do	T-1440	II-2.2 IV-1.10 IV-2.40	Oct. 21, 1971	do	May 31, 1974.
Raeford Lumber Co	do	T-1465	II-1.3	Oct. 28, 1971	do	July 1, 1973.
Upchurch Milling & Storage, process operations.	do	T-2232	IV-2.30	Sept. 6, 1973	do	June 30, 1974.
HYDE COUNTY						
Hyde County Schools:						
(a) Davis School	Engelhard	T-1989	II-1.3	Dec. 14, 1972	Immediately	Sept. 1, 1973.
(b) Mattamuskeet School.	Swan Quarter	T-1987	II-1.3	do	do	Do.
(c) O. A. Peay School	do	T-1988	II-1.3	Dec. 12, 1972	do	Do.
IREDELL COUNTY						
Baystate Milling Co	Mooresville	T-2411	II-2.2 IV-2.30	Mar. 18, 1974	Immediately	May 1, 1974.
Bernhardt Furniture Industries, Plant No. 4.	Statesville	T-1643	II-2.2 IV-1.10 IV-2.40	May 8, 1972	do	Dec. 31, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Bernhart Furniture Industries, Plant No. 4.	do	T-2332	IV-2.60	June 29, 1973	do	Oct. 31, 1973.
Dixie Seating Co	do	T-714	II-1.3	Apr. 2, 1971	do	June 30, 1973.
Lowe's Food Stores, Inc.:						
Store No. 7	do	T-2345	II-1.3	do	do	Apr. 30, 1974.
Store No. 16	do	T-2347	II-1.3	do	do	Do.
Mooresville Flour Mills	Mooresville	T-1646	II-2.2 II-5.2 IV-2.30 IV-2.40	May 8, 1972	do	Mar. 31, 1973.
Statesville Chair Co	Statesville	T-2418	II-2.2 IV-2.30	Mar. 18, 1984	do	Dec. 31, 1944.
Statesville Chair Co	do	T-2301	IV-2.60	June 28, 1973	do	Dec. 31, 1973.
Statesville City Board of Education:						
(a) Northview Elementary School.	do	T-1139	II-2.2 IV-1.10 IV-2.40	May 14, 1971	do	Sept. 1, 1973.
(b) Avery Sherrill School.	do	T-1140	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Statesville Plywood & Veneer Co.	do	T-2413	II-2.2 IV-2.30	Mar. 18, 1984	do	July 1, 1977.
J. C. Steele and Sons, Inc	do	T-1520	II-2.2 IV-2.20 IV-2.30	Feb. 21, 1972	do	Do.
Superba Print Works	Mooresville	T-2306	IV-2.30	June 29, 1973	do	June 30, 1974.
Troutman Chair Co	Troutman	T-2339	II-2.2	do	do	Dec. 31, 1974.
Troutman Foundry, Inc	do	T-1836	II-2.2 II-5.2 IV-2.20 IV-2.30	July 3, 1972	do	June 30, 1974.
Melville Textile Works, Inc., process operations.	Statesville	T-2466	II-2.2 IV-2.30	Oct. 10, 1974	do	June 1, 1975.
Thonet Industries, Inc., fuel combustion.	do	T-2467	II-2.2 IV-1.10	do	do	Do.
A. L. Shaver & Sons, Inc	do	T-2340	II-2.2	Dec. 12, 1974	do	Do.
Gilliam Furniture, Inc	do	T-2341	II-2.2 IV-1.10 IV-2.40	Sept. 9, 1974	do	Oct. 31, 1974.
JACKSON COUNTY						
Cagle & Son Ford	Sylva	T-1938	II-2.2 IV-1.10 IV-2.40	Dec. 12, 1972	Immediately	June 30, 1973.
Champion International Corp., Drexel Enterprises.	Whittier	T-2271	II-2.2 IV-1.10	June 27, 1973	do	Nov. 30, 1973.
Dillard Block Co	Dillsboro	T-2047	II-2.2 IV-1.90 IV-2.30	Mar. 2, 1973	do	Jan. 31, 1974.
Drexel Enterprises, Plant No. 51 of Champion International Corp.	Whittier	T-2059	II-2.2 IV-2.30	do	do	Nov. 30, 1973.
W. C. Hennessee Lumber Co., Inc.	Sylva	T-1939	II-2.2 IV-1.10 IV-2.40	Dec. 12, 1972	do	June 30, 1973.
Jackson County Board of Education:						
(a) Cashiers Elementary School.	Cashiers	T-1201	II-2.2 IV-1.10 IV-2.40	May 21. 1971	do	Dec. 31, 1973.
(b) Glennville School	Glennville	T-1200	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(c) Log Cabin School	Whittier	T-1199	II-2.2 IV-1.10 IV-2.40	May 21, 1973	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
(d) Qualla School	do	T-1197	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(e) Savannah School	Sylva	T-1198	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(f) Sylva Elementary School.	do	T-1196	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(g) Webster Elementary School.	Webster	T-1195	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Massie Furniture Co	Sylva	T-2079	II-2.2 IV-1.10 IV-2.40	Mar. 2, 1973	do	June 30, 1973.
Mead Corp	do		II-2.2 IV-1.10 IV-2.40	Nov. 17, 1972	do	Dec. 31, 1974.
Southwestern Technical Institute.	do	T-1479	II-2.2 IV-1.10 IV-2.40	Nov. 4, 1971	do	Dec. 31, 1973.
Transcarolina Concrete Co	do	T-2045	II-2.2 IV-1.90 IV-2.30	Mar. 2, 1973	do	Jan. 1, 1974.
Warren Brothers Co	Dillsboro	T-2180	II-2.2 IV-2.30	do	do	July 1, 1973.
JOHNSTON COUNTY						
Benson Feed Mills	Benson	T-2093	II-2.2 IV-2.30	Mar. 2, 1973	Immediately	Aug. 30, 1973.
Gurley's Inc	Selma	T-2385	IV-2.30	June 29, 1973	do	June 30, 1974.
T. E. Johnson Lumber Co	Four Oaks	T-2230	II-1.3	June 27, 1973	do	Dec. 31, 1973.
Johnston County Board of Education:						
(a) Cleveland School	Smithfield	T-906	II-1.3	Apr. 28, 1971	do	June 30, 1972.
Do	do	T-906	II-2.2 IV-1.10 IV-2.40	do	do	Oct. 1, 1973.
(b) Cooper Junior High School.	Clayton	T-902	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(c) Meadows School	Meadows	T-907	II-1.3	do	do	June 30, 1972.
Do	do	T-907	II-2.2 IV-1.10 IV-2.40	do	do	Oct. 1, 1973.
(d) Micro School	Micro	T-908	II-1.3	do	do	June 30, 1972.
Do	do	T-908	II-2.2 IV-1.10 IV-2.40	do	do	Oct. 1, 1973.
(e) Wilson Mills School	Wilson Mills	T-909	II-1.3	do	do	June 30, 1972.
Do	do	T-909	II-2.2 IV-1.10 IV-2.40	do	do	Oct. 1, 1973.
Johnston Technical Institute	Smithfield	T-1177	II-2.2 IV-1.10 IV-2.40	May 20, 1971	do	June 30, 1973.
Mitchell Concrete Products	do	T-2433	II-2.2 IV-2.30	Mar. 18, 1974	do	Aug. 31, 1974.
Guy C. Lee Mfg. Co	do	T-1963	II-2.2 IV-1.10 IV-2.40	Dec. 3, 1972	do	June 1, 1973.
Overton Co.	Kenly	T-1428	II-2.2 IV-1.10 IV-2.40	Oct. 15, 1971	do	Nov. 1, 1974.
Town of Princeton	Princeton	T-600	II-1.3	Mar. 15, 1971	do	Dec. 31, 1973.
Ranch Redwood	Smithfield	T-2231	IV-2.60	do	do	Nov. 1, 1973.
Roy Strickland Lumber Co	do	T-1466	II-1.3	Oct. 28, 1971	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Winn-Dixie Raleigh Inc., No. 881.	do	T-2372	IV-1.30	June 29, 1973	do	Oct. 15, 1973.
JONES COUNTY						
Community Mills	Kinston	T-1266	II-1.3	June 23, 1971	Immediately	Dec. 31, 1973.
Jones County Board of Education.	Trenton		II-1.3	Mar. 4, 1971	do	Sept. 30, 1971.
(a) Maysville School	do	T-482	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
(b) Trenton Middle School.	do	T-480	II-2.2 IV-1.10	do	do	Do.
(c) Trenton Primary School.	do	T-481	II-2.2 IV-1.10	do	do	Do.
(d) Alex H. White School.	do	T-484	II-2.2 IV-1.10	do	do	Do.
(e) J. W. Willis School	do	T-483	II-2.2 IV-1.10	do	do	Do.
Jones County Feed Mill	do	T-1304	II-1.3	July 9, 1971	do	Dec. 31, 1973.
Maysville Milling Co., Inc., process operations.	Maysville	T-2530	IV-2.30	Oct. 10, 1974	do	June 1, 1975.
LEE COUNTY						
Town of Broadway	Broadway	T-991	II-1.3	May 13, 1971	Immediately	Dec. 31, 1973.
Brown Iron & Metal Co., Lee Aluminum Division.	Sanford	T-1538	II-1.3	Apr. 28, 1972	do	Do.
Carnes Corp	do	T-2239	IV-2.60	June 27, 1973	do	Nov. 30, 1973.
Dunning Limited	do	T-1849	II-2.2 II-5.2 IV-2.30 IV-2.40	July 28, 1972	do	Do.
John W. Eshelman & Sons, Inc.	do	T-2236	IV-2.30	do	do	Nov. 1, 1973.
Lee County Board of Education:						
(a) Broadway School	Broadway	T-847	II-1.3	Apr. 23, 1971	do	June 30, 1973.
(b) Deep River School	Sanford	T-849	II-1.3	Apr. 26, 1971	do	Do.
Do	do	T-849	II-2.2 IV-1.10	do	do	Sept. 1, 1971.
(c) Greenwood School	Lemon Springs	T-848	II-1.3	do	do	June 30, 1973.
Do	do	T-848	II-2.2 IV-1.10	do	do	Sept. 1, 1971.
Lee County Hospital	Sanford	T-764	II-2.2 IV-1.30	Apr. 13, 1971	do	July 31, 1973.
Lee Paving Co	do	T-2088	II-2.2 IV-1.40	Mar. 2, 1973	do	May 15, 1973.
Saco-Lowell	do	T-2073	II-2.2 IV-2.60	do	do	Sept. 1, 1973.
Sanford City Board of Education:						
(a) Jonesboro Elementary School.	do	T-520	II-2.2 IV-1.10	Mar. 8, 1971	do	Dec. 31, 1973.
(b) Jonesboro Middle School.	do	T-519	II-1.3	do	do	Sept. 1, 1971.
Do	do	T-519	II-2.2 IV-1.10	do	do	Dec. 31, 1973.
(c) W. B. Wicker School.	do	T-521	II-2.2 IV-1.10	do	do	Do.
(d) Sanford Central High.	do	T-522	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Sanford Finishing Corp	do	T-2441	II-2.2 IV-2.30	Mar. 18, 1974	do	June 30, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Singer Furniture Co., process operations.	do	T-2483	II-2.2 IV-2.30	Oct. 10, 1974	do	Mar. 1, 1975.
Steven Milling Co., Inc., process operations.	Broadway	T-2501	II-2.2 IV-2.30	do	do	June 1, 1975.
LENOIR COUNTY						
Davis Mills	Seven Springs	T-1293	II-1.3	June 25, 1971	Immediately	Dec. 31, 1973.
Hardy Milling Co	La Grange	T-1303	II-1.3	July 9, 1971	do	Do.
Lenoir County Board of Education:						
(a) Banks Elementary School.	Kinston	T-556	II-1.3	Mar. 15, 1971	do	Dec. 31, 1971.
Do	do	T-556	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
(b) La Grange Elementary School.	La Grange	T-546	II-1.3 II-2.2 IV-1.10	Mar. 9, 1971	do	Sept. 8, 1973.
(c) Moss Hill School	Kinston	T-555	II-1.3	Mar. 15, 1971	do	Dec. 31, 1971.
Do	do	T-555	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
(d) Pink Hill Elementary School.	Pink Hill	T-554	II-1.3	Mar. 12, 1971	do	Dec. 31, 1971.
Do	do	T-554	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
Frank S. Love and Co	Kinston	T-2081	II-2.2 IV-1.10	Mar. 2, 1973	do	Dec. 31, 1973.
P A B Publishing Co	La Grange	T-970	II-1.3	May 5, 1971	do	June 30, 1973.
Parrott Hospital, Inc	Kinston	T-186	II-2.2 IV-1.10 IV-1.30 IV-2.40	Dec. 11, 1970	do	May 15, 1973.
Town of Pink Hill	Pink Hill	T-1780	II-1.3	June 29, 1972	do	Dec. 31, 1973.
Carolina-Dixie Grain Co., process operations.	Kinston	T-2519	IV-2.30	Oct. 10, 1974	do	June 1, 1975.
Deep Run Milling Co., process operations.	Deep Run	T-2512	IV-2.30	do	do	June 15, 1975.
Johnson Grain, Inc., process operations.	Kinston	T-2521	IV-2.30	do	do	May 31, 1975.
Leco Feed Mills, process operations.	do	T-2526	IV-2.30	do	do	May 15, 1975.
Neuse Milling Co., Inc., process operations.	do	T-2517	IV-2.30	do	do	June 1, 1975.
Texfi Knit-One, process operations.	do	T-2199	IV-2.60	June 27, 1973	do	Mar. 1, 1975.
Cargill, Inc	do	T-2390	IV-2.30	Sept. 6, 1973	do	June 1, 1975.
E. I. du Pont de Nemours, process operations.	do	T-2211	IV-2.60	June 27, 1973	do	Do.
LINCOLN COUNTY						
Burns Industries	Lincolnton	T-2148	II-2.2 IV-1.10 IV-2.40	Oct. 9, 1974	Immediately	July 15, 1974.
Cochrane Furniture Co	do	T-2023	II-2.2 IV-1.10 IV-2.40	Jan. 5, 1973	do	Oct. 30, 1973.
Jarretts Laundry and Cleaners, Inc.	do	T-1940	II-2.2 IV-1.10 IV-2.40	Dec. 12, 1972	do	Do.
Leslie Fay, Inc	do	T-2309	II-2.2 IV-2.30	June 29, 1973	do	Mar. 1, 1974.
Lowe's Food Store No. 10	do	T-2348	II-1.3	do	do	Apr. 30, 1974.
Mohican Mills	do	T-2304	II-2.2 IV-2.30	June 28, 1973	do	Dec. 31, 1974.
J. C. Wehunt Gin School	Cherryville	T-2144	II-2.2 IV-2.30	Mar. 2, 1973	do	Oct. 1, 1973.
N. C. Spinning Mills, Inc.,	Lincolnton	T-2468	II-2.2 IV-2.30	Oct. 10, 1974	do	June 1, 1975.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
MACON COUNTY						
Franklin Stone Co	Franklin	T-2179	II-2.2 IV-1.80 IV-2.30	Mar. 2, 1973	Immediately	June 30, 1973.
Macon County Board of Education:						
(a) Cartoogechaye Elementary School.	do	T-1284	II-1.3	June 24, 1971	do	Dec. 13, 1973.
Do	do	T-1284	II-2.2 IV-1.10	do	do	Dec. 13, 1971.
(b) Cowee Elementary School.	do	T-1285	II-1.3 II-2.2 IV-1.10	do	do	Dec. 31, 1973.
(c) Cullasaja School	do	T-1286	II-1.3	do	do	Do.
Do	do	T-1286	II-2.2 IV-1.10	do	do	Dec. 31, 1971.
(d) Iotla Elementary School.	do	T-1287	II-1.3	do	do	Dec. 31, 1973.
Do	do	T-1287	II-2.2 IV-1.10	do	do	Dec. 31, 1971.
(e) Nantahala School	Topton	T-1282	II-1.3	do	do	Dec. 31, 1973.
(f) Otto Elementary School.	Otto	T-1281	II-1.3	do	do	Do.
(g) Union Elementary School.	Franklin	T-1283	II-1.3	do	do	Do
Do	do	T-1283	II-2.2 IV-1.10	do	do	Dec. 31, 1971.
Macon Furniture Mart	do	T-2077	II-2.2 IV-1.10 IV-2.40	Mar. 2, 1973	do	June 30, 1973.
Peakline Furniture Co	do	T-2166	II-2.2 IV-2.00 IV-2.30	Mar. 8, 1973	do	Do.
Do	do	T-2166	II-2.2 IV-2.60	do	do	Dec. 31, 1973.
West Building Materials	do	T-2181	II-2.2 IV-1.10 IV-2.40	do	do	June 1, 1973.
Zickgraf Hardwood Co.:						
(a) Woodworking plant	do	T-1956	II-2.2 IV-2.30	Dec. 13, 1972	do	June 30, 1973.
(b) Woodwaste boilers	do	T-1956	II-2.2 IV-1.10	do	do	Aug. 1, 1973.
MADISON COUNTY						
Mars Hill College	Mars Hill	T-1175	II-1.3 II-2.2 IV-1.1	Oct. 9, 1974	Immediately	May 31, 1975.
Tri-County Concrete Co	do	T-2274	II-2.2 IV-2.30	June 27, 1973	do	Dec. 31, 1973.
MARTIN COUNTY						
Town of Hamilton	Hamilton	T-185	II-1.3	Feb. 11, 1970	Immediately	July 1, 1973.
Martin County Board of Commissioners:						
(a) Martin County Agricultural Bldg.	Williamston	T-1906	II-2.2 IV-1.10 IV-2.40	Dec. 14, 1972	do	Dec. 31, 1973.
(b) Martin County Courthouse.	do	T-1952	II-2.2 IV-1.10 IV-2.40	Jan. 5, 1973	do	Do.
Martin County Board of Education:						
(a) Bear Grass School	do	T-864	II-1.3	Apr. 27, 1971	do	Sept. 30, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			II-2.2 IV-1.10			
(b) F. J. Hayes School	do	T-883	II-1.3	do	do	June 30, 1972.
Do	do	T-889	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
(c) Jamesville School	Jamesville	T-881	II-1.3 II-2.2 IV-1.10	do	do	Do.
(d) Jamesville Township School.	do	T-877	II-1.3 II-2.2 IV-1.10	do	do	Do.
(e) North Everetts School.	Everetts	T-886	II-1.3 II-2.2 IV-1.10	do	do	Do.
(f) Robersonville High School.	Robersonville	T-887	II-1.3 II-2.2 IV-1.10	do	do	Do.
(g) Robersonville Primary.	do	T-885	II-1.3 II-2.2 IV-1.100	do	do	Do.
(h) Rodgers School	Williamston	T-882	II-1.3 II-2.2 IV-1.10	do	do	Do.
(i) West Martin School	Oak City	T-888	II-1.3 II-2.2 IV-1.10	do	do	Do.
(j) Williamston High School.	Williamston	T-876	II-1.3 II-2.2 IV-1.10	do	do	Do.
Town of Robersonville	Robersonville	T-603	II-1.3	Mar. 17, 1971	do	June 30, 1973.
Weyerhaeuser Co	Plymouth	T-2060	IV-1.10 IV-2.40	Mar. 2, 1973	do	June 1, 1975.
MCDOWELL COUNTY						
American Thread Co., Sevier Plant.	Marion	T-408	II-1.3	Feb. 11, 1971	Immediately	Oct. 15, 1973.
Do	do	T-1819	II-2.2 IV-1.10 IV-2.40	Aug. 25, 1972	do	Sept. 1, 1974.
C.D. Blanton, bldg. No. 2	do	T-1575	II-2.2 IV-1.10 IV-2.40	May 1, 1972	do	Oct. 1, 1973.
C.D. Blanton, bldg. No. 3	do	T-1576	II-2.2 IV-1.10 IV-2.40	do	do	Oct. 1, 1974.
Broyhill Furniture Industries, Marion Plant.	do	T-1505	II-2.2 II-5.2 IV-1.10 IV-2.40	Dec. 15, 1971	do	July 1, 1973.
Burlington Industries	do	T-2159	II-2.2 IV-1.10 IV-2.40	Mar. 2, 1973	do	Dec. 31, 1974.
Drexel Enterprises, Plant No. 2 of Champion International Corp.	do	T-2157	II-2.2 II-5.2 IV-2.30 IV-2.60	Mar. 8, 1973	do	Dec. 31, 1973.
Explosives Supply Co	do	T-2020	II-2.2 IV-2.30	Dec. 15, 1972	do	May 1, 1973.
International Musical Instruments, Inc.	do	T-2019	II-2.2 II-5.2 IV-1.10 IV-2.40	do	do	Sept. 1, 1973.
Do	do	T-2280	II-2.2 II-5.2 IV-2.60 IV-2.30	June 28, 1973	do	Dec. 31, 1973.
Manmont Furniture, Inc	do	T-2273	II-2.2 II-5.2	do	do	Oct. 30, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			IV-2.60			
			IV-2.30			
Marion Manufacturing Co	do	T-2257	II-2.2	June 27, 1973	do	June 30, 1974.
			IV-1.10			
			IV-2.40			
McDowell Cement Products Co., Inc.	do	T-1816	II-2.2	Aug. 25, 1972	do	Mar. 1, 1973.
			II-5.2			
			IV-1.90			
			IV-2.30			
McDowell County Court House.	do	T-2261	II-2.2	do	do	May 15, 1974.
			IV-1.10			
			IV-2.40			
Old Fort Cleaners	Old Fort	T-2187	II-2.2	Mar. 2, 1973	do	Aug. 30, 1973.
			IV-1.10			
			IV-2.40			
Pine Valley Division of Ethan Allen, plant No. 1.	do	T-2264	II-2.2	do	do	Dec. 31, 1973.
			II-5.2			
			IV-2.30			
			IV-2.60			
TriCounty Block Co., Inc	Marion	T-1815	II-2.2	Aug. 25, 1972	do	Mar. 1, 1973.
			II-5.2			
			IV-1.90			
			IV-2.30			
United Merchants and Manufacturers, Inc., Old Fort Finishing Plant.	Old Fort	T-2186	II-2.2	Mar. 2, 1973	do	Dec. 31, 1973.
			II-5.2			
			IV-2.60			
Do	do	T-467	II-2.2	Feb. 24, 1971	do	June 30, 1974.
			IV-1.10			
			I-2.40			
MECKLENBURG COUNTY						
Academy Steel Drum Co	Matthews	7	II-2.2	Feb. 13, 1973	Immediately	May 31, 1973.
			II-5.2			
			IV-1.30			
C & T Refinery	Charlotte		II-2.2	do	do	Dec. 31, 1973.
			IV-1.10			
			IV-2.60			
Charlotte Pipe and Foundry	do	II-2.2	II-2.2	do	do	Feb. 28, 1974.
Cone Mills Corp., Pineville Plant.	Pineville		IV-1.10	do	do	Sept. 1, 1974.
			IV-2.40			
Queen City Foundry, Inc	Charlotte		II-2.2	do	do	Mar. 31, 1974.
			IV-2.20			
			IV-2.30			
Nello L. Teer Co., Flylite Plant.	do		II-2.2	do	do	May 1, 1974.
			IV-1.90			
			IV-2.30			
Union Carbide Corp	do		II-2.2	do	do	Sept. 1, 1974.
			IV-2.30			
			IV-2.60			
MITCHELL COUNTY						
Burleson Bldgs	Spruce Pine	T-2022	II-2.2	Dec. 15, 1972	Immediately	June 28, 1973.
			IV-1.10			
			IV-2.40			
Diamond Mica Co	do	T-2021	II-2.2	do	do	Dec. 31, 1973.
			IV-1.10			
			IV-1.70			
			IV-2.30			
			IV-2.40			
Felts Furniture Co	do	T-2013	II-2.2	Jan. 5, 1973	do	Sept. 31, 1973.
			IV-1.10			
			IV-2.40			
Henredon Furniture Industries, Inc.	do	T-2178	II-2.2	Mar. 2, 1973	do	Dec. 31, 1973.
			IV-2.00			
			IV-2.30			

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			IV-2.60			
Do	do	T-1970	II-2.2 IV-1.10 IV-2.40	Jan. 5, 1973	do	Sept. 3, 1973.
International Minerals & Chemical Corp., Kona Plant.	Bakersville	T-2184	II-2.2 IV-1.70 IV-2.30	Mar. 2, 1973	do	Sept. 1, 1974.
Lawson United Feldspar & Mineral Co.	Spruce Pine	T-1781	II-2.2 IV-1.70 IV-2.30	Aug. 23, 1972	do	June 15, 1973.
MONTGOMERY COUNTY						
Candor Cotton Co	Candor	T-2151	II-2.2 IV-2.30	Mar. 2, 1973	Immediately	Oct. 1, 1973.
Foundry Service	Biscoe	T-1423	II-1.3 II-2.2 IV-1.10 IV-2.20 IV-2.30 IV-2.40	Oct. 6, 1971	do	June 30, 1974.
Montgomery Board of Education:						
(a) Candor Elementary School.	Candor	T-894	II-2.2 IV-1.10	Apr. 29, 1971	do	May 1, 1973.
(b) Highland Elementary School.	Mount Gilead	T-890	II-1.3	Apr. 27, 1971	do	Sept. 30, 1971.
Do	do	T-890	II-2.2 IV-1.10	do	do	June 30, 1973.
(c) Star Elementary School.	Star	T-892	II-2.2 IV-1.10	Apr. 29, 1971	do	Do.
Tex. Corp	Mount Gilead	T-1467	II-2.2 IV-1.10 IV-2.40	Oct. 21, 1971	do	Dec. 31, 1973.
Alliance Furniture Division of Troy Lumber Co., fuel combustion.	Biscoe	T-2508	II-2.2 IV-1.10	Oct. 10, 1974	do	May 1, 1975.
Taylor Homes Division of Troy Lumber Co., fuel combustion.	Troy	T-2507	II-2.2 IV-1.10	do	do	Do.
MOORE COUNTY						
Carolina Galvanizing & Gate Corp.	Aberdeen	T-1759	II-2.2 II-5.2 IV-2.30 IV-2.40	June 28, 1972	Immediately	July 31, 1973.
Crucedale Cleaners	do	T-1967	II-2.2 IV-1.10 IV-2.40	Dec. 13, 1972	do	Oct. 1, 1973.
Fletcher Southern	Southern Pines	T-2238	IV-2.30	June 27, 1975	do	Dec. 31, 1973.
Futrell Brothers Lumber Co., Inc.	Vass	T-726	II-1.3	Apr. 5, 1971	do	Aug. 31, 1973.
Glendon Pyrophyllite, Inc	Glendon	T-2242	IV-2.30	June 27, 1973	do	Oct. 1, 1973.
Lee Paving Co	Aberdeen	T-1965	II-2.2 IV-1.40	Dec. 13, 1972	do	Do.
Moore Memorial Hospital, Inc.	Pinehurst	T-1966	II-1.3	Mar. 15, 1974	do	May 1, 1974.
SCM Proctor-Silex, Inc	Southern Pines	T-1969	II-2.2 II-5.2 IV-2.30 IV-2.40 IV-2.60	do	do	Sept. 1, 1973.
Stanley Furniture Co., The Mead Corp.	West End	T-2085	II-5.2 IV-2.60	Mar. 2, 1973	do	Nov. 30, 1973.
Trimble Product, Inc	Southern Pines	T-2117	II-2.2 II-5.2	do	do	July 1, 1973.

North Carolina—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Town of Vass	Vass	T-107	IV-2.30 IV-2.60 II-1.3	Oct. 30, 1970	do	June 30, 1973.
Winn-Dixie Raleigh, Inc., store No. 855.	Raleigh	T-2354	IV-1.30	June 29, 1973	do	Dec. 15, 1973.
NASH COUNTY						
Bass Gin Co	Red Oak	T-1925	II-2.2 IV-2.30	Dec. 11, 1972	Immediately	Sept. 1, 1973.
M. C. Braswell Agriservices:						
(a) Corn Processing Facility.	Battleboro	T-1726	II-2.2 II-5.2 IV-2.30 IV-2.40	May 24, 1972	do	June 1, 1973.
(b) Cotton Ginning Facility.	do	T-1728	II-2.2 II-5.2 IV-2.30 IV-2.40	do	do	Do.
(c) Peanut Processing Facility.	do	T-1727	II-2.2 II-5.2 IV-2.30 IV-2.40	do	do	Do.
Burlington Industries:						
(a) Sheffield Plant	Rocky Mount	T-2447	II-2.2 IV-2.30	Mar. 18, 1974	do	Sept. 30, 1974.
(b) Finishing Plant	do	T-2448	do	Mar. 19, 1974	do	Mar. 31, 1975.
China American Tobacco Company.	do	T-2422	II-2.2 IV-2.30	Mar. 18, 1974	do	July 1, 1974.
Dortch Gin Co	do	T-1568	II-2.2 II-5.2 IV-2.30 IV-2.40	Apr. 28, 1972	do	Mar. 31, 1973.
Independent Tobacco Services Corp.	do	T-2434	II-2.2 IV-2.30	Mar. 18, 1974	do	Sept. 1, 1974.
Kaiser Agricultural Chemicals Gin.	Nashville	T-1912	II-2.2 IV-2.30	Dec. 11, 1972	do	Sept. 1, 1973.
Miller Manufacturing Co	do	T-2290	II-2.2 IV-1.10 IV-2.40	June 28, 1973	do	Dec. 31, 1973.
Nash County Board of Education:						
(a) Bailey School System:						
(1) Primary Bldg	Bailey	T-500	II-2.2 IV-1.10	Feb. 26, 1971	do	Sept. 30, 1972.
(2) Gymnasium	do	T-500	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
(b) Coopers School:						
(1) Main Bldg	Nashville	T-495	II-2.2 IV-1.10	do	do	Sept. 30, 1972.
(2) Cafeteria	do	T-495	II-2.2 IV-1.10	do	do	Do.
(3) Gymnasium	do	T-495	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
(c) W. L. Greene Middle School:						
(1) Agricultural Bldg	do	T-496	II-2.2 IV-1.10	do	do	Do.
(2) Primary Bldg	do	T-496	II-2.2 IV-1.10	do	do	Sept. 30, 1972.
(d) Middlesex Elementary School:						
(1) Main Bldg	Middlesex	T-499	II-2.2 IV-1.10	do	do	Sept. 30, 1971.
(2) Gymnasium	do	T-499	II-2.2 IV-1.10	do	do	Sept. 30, 1973.
(e) Red Oak School:						
(1) Main Bldg	Nashville	T-497	II-2.2	do	do	Sept. 30, 1971.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
(2) Gymnasium	do	T-497	IV-1.10 II-2.2 IV-1.10	do	do	Sept. 30, 1973.
(f) Spaulding Middle School.	do	T-494	II-2.2 IV-1.10	do	do	Do.
(g) Spring Hope Elementary School.	Spring Hope	T-493	II-2.2 IV-1.10	do	do	Do.
(h) Stony Creek School (Nash Technical Institute).	Rocky Mount	T-485	II-1.3 II-2.2 IV-1.10	do	do	Do.
(i) Swift Creek Elementary School:						
(1) Gymnasium	Nashville	T-498	II-2.2 IV-1.10	do	do	Do.
(2) Primary School Bldg.	do	T-498	II-2.2 IV-1.10	do	do	Sept. 30, 1971.
Nashville Building Supply Co.	do	T-2094	II-2.2 IV-2.30	Mar. 2, 1973	do	Dec. 30, 1973.
Rocky Mount Feed & Farm Supply, Inc.	Rocky Mount	T-1880	II-2.2 II-5.2 IV-2.30 IV-2.40	Sept. 11, 1972	do	June 30, 1973.
D. J. Rose & Son, Inc	do	T-1541	II-2.2 II-5.2 IV-2.30 IV-2.40	Apr. 28, 1972	do	July 1, 1973.
Snipes Stave Co	Spring Hope	T-1166	II-1.3	May 18, 1971	do	Dec. 31, 1973.
Superlock Manufacturing Co	Rocky Mount	T-2051	IV-2.60	Mar. 2, 1973	do	Nov. 15, 1973.
H. F. Ward Metal Salvage, Inc.	Nashville	T-788	II-1.3	Sept. 30, 1974	do	Oct. 9, 1974.
Whitakers Gin Co	Whitakers	T-2118	II-2.2 IV-2.30	Mar. 2, 1973	do	June 1, 1973.
NEW HANOVER COUNTY						
Babcock & Wilcox Company.	Wilmington	T-2409	IV-2.60	Mar. 18, 1974	Immediately	Dec. 31, 1974.
Carolina Methanol, Inc	do	T-2267	do	Oct. 16, 1973	do	Mar. 16, 1975.
Carolina Power & Light Co., Unit No. 1.	do	T-1847	IV-1.10 IV-2.40	July 20, 1972	do	June 1, 1973.
Carolina Power & Light L. V. Sutton No. 2 Unit.	do	T-1846	II-2.2 IV-1.10 IV-2.40	Aug. 8, 1972	do	Dec. 1, 1974.
Corbett Lumber Corp	do	T-2084	II-2.2 IV-1.10	Sept. 9, 1974	do	Dec. 31, 1974.
Corbett Package Co	do	T-1290	II-1.3 II-2.2 IV-1.10	June 25, 1971	do	Do.
General Electric Co	do	T-2083	IV-2.60	Mar. 2, 1973	do	Feb. 1, 1974.
E. W. Godwin & Sons	do	T-2408	II-2.2 IV-1.10	Mar. 18, 1974	do	Do.
Hercules, Inc.						
Exxon (Humble Oil)	do	T-2060	IV-2.60	do	do	Nov. 1, 1973.
New Hanover County Board of Education, College Park School.	do	T-1004	II-1.3	May 6, 1971	do	Jan. 31, 1974.
Southern Box & Plywood	do	T-2374	IV-1.10 II-2.2	Aug. 23, 1973	do	July 31, 1974.
Sun Oil Co. of Pennsylvania	do	T-2210	IV-2.60	June 27, 1973	do	Jan. 4, 1974.
MoBill Textiles, Inc., process operations.	do	T-2509	II-2.2	Oct. 10, 1974	do	Mar. 1, 1975.
Singer Co., process operations.	do	T-2203	IV-2.60	June 27, 1973	do	June 1, 1975.
Shell Oil, process operations.	do	T-2201	IV-2.60	July 31, 1973	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
NORTHAMPTON COUNTY						
Blyth & Carpenter, Inc	Margrettesville	T-2089	II-2.2 IV-2.30	Mar. 2, 1973	Immediately	Sept. 1, 1973.
Clary Lumber Co	Gaston	T-2245	II-1.3	June 27, 1973	do	Dec. 31, 1973.
Town of Conway	Conway	T-793	II-1.3	Apr. 19, 1971	do	Do.
Farmers Gin Co	Jackson	T-1910	II-2.2 IV-2.30	Dec. 11, 1972	do	Sept. 1, 1973.
Johnson Manufacturing Co., Inc.	Pendleton	T-2008	IV-2.60	Dec. 15, 1972	do	Nov. 1, 1973.
W. P. Morris Lumber Co	Jackson	T-2052	II-1.3	Mar. 2, 1973	do	July 1, 1973.
Northampton County School System:						
(a) Conway School	Conway	T-2101	II-2.2 IV-1.10 IV-2.40	do	do	Oct. 1, 1973.
(b) W. S. Creecy School.	Rich Square	T-2109	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(c) Garysburg School	Garysburg	T-2102	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(d) Gaston School	Gaston	T-2103	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(e) Gumberry School	Gumberry	T-2104	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(f) Jackson School	Jackson	T-2105	II-2.2 IV-1.10 IV-2.40	do	do	July 1, 1973.
(g) Northampton County High School.	Conway	T-2106	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(h) Rich Square School	Rich Square	T-2107	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(i) Seaboard School	Seaboard	T-2108	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(j) Woodland Olney School.	Woodland	T-2110	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Town of Rich Square	Rich Square	T-787	II-1.3	Apr. 16, 1971	do	Dec. 31, 1973.
Rich Square Gin Co	do	T-1902	II-2.2 IV-2.30	Dec. 11, 1972	do	July 1, 1973.
Severn Peanut Co., Inc	Severn	T-747	II-1.3	Apr. 7, 1971	do	Mar. 31, 1973.
Do	do	T-2442	II-2.2 IV-2.30	Mar. 18, 1974	do	Oct. 1, 1974.
Superior Ginning Co., Inc	Seaboard	T-1644	II-2.2 II-5.2 IV-2.30 IV-2.40	May 8, 1972	do	June 30, 1973.
E. L. Timberlake Jr. Co	Woodland	T-2432	II-2.2, IW-2.30	Mar. 18, 1974	do	June 1, 1973.
Vircar Plant Foods, Inc	Severn	T-2250	II-2.2 IV-2.30	do	do	Do.
Woodland Gin Co	Woodland	T-1901	II-2.2 IV-2.30	do	do	July 1, 1974.
Georgia Pacific, process bag house.	Conway	T-1427	II-2.20	Sept. 6, 1973	do	Nov. 1, 1973.
ONSLOW COUNTY						
Ray Brown & Son, Inc	Jacksonville	T-1189	II-1.3	May 24, 1971	Immediately	Dec. 31, 1973.
Do	Richlands	T-1190	II-1.3	do	do	Do.
Coastal Carolina Community College.	Jacksonville	T-708	II-1.3	Apr. 1, 1971	do	May 30, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Do	......do	T-708	II-2.2 IV-1.10	......do	......do	Dec. 31, 1972.
Onslow County Board of Education:						
(a) Bell Fork Elementary School.	......do	T-469	II-2.2 IV-1.10	Feb. 24, 1971	......do	Sept. 1, 1973.
(b) Blue Creek School	......do	T-476	II-2.2 IV-1.10	Feb. 25, 1971	......do	Dec. 31, 1973.
(c) Clyde Erwin School	......do	T-470	II-2.2 IV-1.10	Feb. 24, 1971	......do	Sept. 1, 1973.
(d) Jacksonville Junior High School.	......do	T-471	II-2.2 IV-1.10	......do	......do	Do.
(e) Northwoods Elementary School.	......do	T-472	II-2.2 IV-1.10	......do	......do	Do.
(f) Swansboro High School.	Swansboro	T-475	II-2.2 IV-1.10	Feb. 25, 1971	......do	Dec. 31, 1973.
(g) Tabernacle Elementary School.	Maysville	T-474	II-2.2 IV-1.10	......do	......do	Do.
Onslow County Memorial Hospital.	Jacksonville	T-1653	II-2.2 IV-1.30	May 24, 1972	......do	Dec. 31, 1974.
Onslow County Workshop	......do	T-609	II-1.3	Mar. 18, 1971	......do	Dec. 31, 1973.
Quality Cleaners & Laundry	......do	T-2082	IV-2.60	Mar. 2, 1973	......do	June 1, 1973.
ORANGE COUNTY						
Cone Mills Corp., Eno Plant	Hillsborough	T-2253	II-2.2 IV-1.10 IV-2.40	June 27, 1973	Immediately	Sept. 1, 1974.
Hines Liner Co. (Liner Plant).	Hillsboro	T-1782	II-2.2 IV-1.10 IV-2.40	June 29, 1972	......do	July 31, 1973.
Hines Liner Co. Sawmill	Hillsborough	T-1917	II-1.3	Dec. 11, 1972	......do	Do.
Melville Furniture Manufacturing.	Mebane	T-2006	II-2.2 IV-2.00 IV-2.30	Dec. 15, 1972	......do	Apr. 30, 1973.
William Muirhead Construction Co., Inc.	Carrboro	T-1927	II-2.2 IV-1.40 IV-2.30	Dec. 12, 1972	......do	June 1, 1973.
Orange County Board of Education:						
(a) G. A. Brown School	Hillsborough	T-1135	II-2.2 IV-1.10	May 13, 1971	......do	Sept. 1, 1973.
(b) Cameron Park School.	......do	T-1134	II-1.3 IV-1.10 II-2.2	......do	......do	Do.
(c) Central Kindergarten.	......do	T-1133	II-1.3 II-2.2 IV-1.10	......do	......do	Do.
(d) Efland Elementary School.	Efland	T-1132	II-1.3 II-2.2 IV-1.10	......do	......do	Do.
(e) Efland-Cheeks School.	Hillsborough	T-1130	II-1.3 II-2.2 IV-1.10	......do	......do	Do.
(f) Orange High School	......do	T-1131	II-1.3 II-2.2 IV-1.10	......do	......do	Do.
Orange Ready-Mix Concrete, Inc.	......do	T-1950	II-2.2 IV-1.90 IV-2.30	Dec. 12, 1972	......do	May 1, 1973.
Piedmont Minerals Co., Inc	......do	......do	II-2.2 II-5.2 IV-1.90	Feb. 21, 1972	......do	June 30, 1973.
Triem, Inc	Carrboro	T-2425	IV-2.6	Mar. 18, 1974	......do	Sept. 30, 1974.
University of North Carolina at Chapel Hill.	Chapel Hill	T-412	II-2.2 IV-1.10	Feb. 12, 1971	......do	Apr. 30, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
White Furniture Co	Hillsborough	T-2039	IV-2.60	Jan. 5, 1973	do	Sept. 15, 1973.
PASQUOTANK COUNTY						
Elizabeth City-Pasquotank Board of Education:						
(a) J. C. Sawyer Elementary School.	Elizabeth City	T-1320	II-2.2 IV-1.10	July 15, 1971	Immediately	Dec. 31, 1973.
(b) H. L. Twigg Elementary School.	do	T-1322	II-2.2 IV-1.10	do	do	Do.
(c) Weeksville Elementary School.	Weeksville	T-1317	II-2.2 IV-1.10	do	do	Jan. 31, 1973.
A. B. Houtz & Sons, Inc	Elizabeth City	T-2307	II-1.3	Oct. 15, 1973	do	June 1, 1974.
IXL Furniture Co	do	T-2208	IV-2.60	June 27, 1973	do	Dec. 31, 1973.
A. H. Johnson & Sons Lumber Co.	do	T-1169	II-2.2 IV-2.30	May 19, 1971	do	Sept. 30, 1973.
Sanders Co., Inc	do	T-1694	II-2.2 IV-1.10 IV-2.40	May 22, 1972	do	Mar. 31, 1973.
Elizabeth City State University, fuel combustion.	do	T-2205	II-2.2 IV-1.10 IV-2.40	Dec. 12, 1974	do	Dec. 31, 1974.
College of the Albermarle, fuel combustion.	do	T-2200	II-2.2 IV-1.10 IV-2.40	Dec. 6, 1973	do	May 31, 1975.
PENDER COUNTY						
C. H. Clark & Son, Inc	Rocky Point	T-265	II-1.3	Jan. 8, 1971	Immediately	June 30, 1973.
Holt Hosiery Mills, Inc	Penderlea	T-2396	II-2.2 IV-1.10 IV-2.40	Oct. 15, 1973	do	July 1, 1974.
J. H. Lea & Sons	Hampstead	T-1828	II-1.3	Aug. 28, 1972	do	Do.
Lewis Sausage Co	Burgaw	T-739	II-1.3	Apr. 7, 1971	do	June 30, 1974.
PERQUIMANS COUNTY						
Perquimans County Board of Education, Perquimans Union School.	Winfall	T-514	II-2.2 IV-1.10	Mar. 3, 1971	Immediately	Dec. 31, 1973.
PERSONS COUNTY						
Pat Brown Lumber Co	Roxboro	T-2005	II-1.3	Dec. 15, 1972	Immediately	May 10, 1973.
Carolina Power & Light Co., Roxboro Steam Plant.	do	T-1821	II-2.2 IV-1.10 IV-2.40	Aug. 25, 1972	do	
(a) Unit No. 1	do	T-1821	II-2.2 IV-1.10 IV-2.40	do	do	Nov. 1, 1973.
(b) Unit No. 2	do	T-1821	II-2.2 IV-1.10 IV-2.40	do	do	May 1, 1974.
Crown Aluminum Industries Corp., division of Whittaker Corp.	do	T-1635	II-2.2 IV-2.30	May 8, 1972	do	Dec. 1, 1974.
Do	do	T-1635	II-5.2	do	do	Feb. 29, 1972.
The Loxcreen Co., Inc	do	T-2423	II-2.2 IV-2.3	Mar. 13, 1974	do	June 1, 1974.
Roxboro Concrete Services, Inc.:						
Burch Ave. Plant	do	T-2240	II-2.2 IV-2.30	June 27, 1973	do	Oct. 1, 1974.
Depot St. Plant	do	T-2243	II-2.2 IV-2.30	do	do	July 1, 1974.
Central Carolina Farmers, Inc., process operations.	do	T-2496	II-2.2 IV-2.30	Oct. 10, 1974	do	May 31, 1975.
RPC Division, Midland Ross Corp., process operations.	do	T-2486	II-2.2 IV-2.60	do	do	Dec. 31, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			IV-2.30			
Roxboro Concrete Services, process operations.	......do	T-2241	II-2.2 IV-2.30	......do	......do	Do.
PITT COUNTY						
Abbott Milling Co	Winterville	T-1881	II-1.3	Sept. 11, 1972	Immediately	Dec. 31, 1973.
Town of Bethel	Bethel	T-287	II-1.3	Sept. 6, 1973	......do	Mar. 1, 1974.
Bethel Manufacturing Co., Inc.	......do	T-2004	II-2.2 IV-2.30	Dec. 15, 1972	......do	Sept. 1, 1973.
Cox Trailers, Inc	Grifton	T-4180	II-1.3	Oct. 28, 1971	......do	June 30, 1973.
East Carolina University	Greenville	T-669	II-2.2 IV-1.10	Oct. 9, 1974	......do	Apr. 3, 1975.
Town of Farmville	Farmville	T-294	II-1.3	Jan. 19, 1971	......do	Mar. 31, 1974.
Town of Fountain	Fountain	T-133	II-1.3	Nov. 10, 1970	......do	Do.
Fountain Milling Co	......do	T-2217	II-1.3	June 27, 1973	......do	Dec. 31, 1973.
Garris-Evans Lumber Co	Greenville	T-2213	II-2.2 IV-1.10	......do	......do	Feb. 1, 1974.
Town of Grimesland	Grimesland	T-228	II-1.3	Dec. 28, 1970	......do	Mar. 31, 1974.
International Paper Co.:						
(a) Sander operation	Farmville	T-2202	II-2.2 IV-1.10 IV-2.00 IV-2.30	......do	......do	July 1, 1974.
(b) Process steam boiler.	......do	T-2202	II-2.2 IV-1.10 IV-2.00 IV-2.30	......do	......do	Jan. 1, 1975.
L. N. James Corn House	Bethel	T-1187	II-1.3	May 21, 1971	......do	Dec. 31, 1973.
King Brothers Farm Center, Inc.	Ayden	T-1490	II-1.3	Nov. 4, 1971	......do	Do.
Lisa's, Inc	Grifton	T-1915	II-1.3	Dec. 11, 1972	......do	July 30, 1973.
Pitt County Board of Education:						
(a) Ayden Elementary School.	Ayden	T-1236	II-2.2 IV-1.10	June 16, 1971	......do	Oct. 1, 1973.
(b) Ayden High School	......do	T-1244	II-1.3 II-2.2 IV-1.10	......do	......do	Do.
(c) Belvoir Grammar School.	Greenville	T-1249	II-1.3 IV-2.2 IV-1.10	......do	......do	Do.
(d) Belvoir Primary School.	......do	T-1250	II-1.3 II-2.2 IV-1.10	......do	......do	Do.
(e) Bethel Middle School.	Bethel	T-1252	II-1.3 II-2.2 IV-1.10	......do	......do	Do.
(f) Bethel Primary School.	......do	T-1251	II-1.3 II-2.2 IV-1.10	......do	......do	Do.
(g) Sam D. Bundy Elementary School.	Farmville	T-1239	II-2.2 IV-1.10	......do	......do	Do.
(h) Falkland Grammar School.	Falkland	T-1253	II-1.3 II-2.2 IV-1.10	......do	......do	Do.
(i) Farmville High School.	Farmville	T-1241	II-2.2 IV-1.10	......do	......do	Do.
(j) H. B. Sugg School	Greenville	T-1240	II-2.2 IV-1.10	......do	......do	Do.
Tri-County Feed Mills	Bethel	T-1186	II-1.3	May 21, 1971	......do	Dec. 31, 1973.
Union Carbide Corp	Greenville	T-2215	IV-2.60	June 27, 1973	......do	July 15, 1974.
Fred Webb Grain Elevators	......do	T-2003	II-2.2 IV-2.30	Dec. 15, 1972	......do	Aug. 15, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
FCX Feed Mill, process operations.	Farmville	T-2511	IV-2.30	Oct. 10, 1974	do	June 1, 1975.
King Brothers Farm Center, Inc., process operations.	Ayden	T-2515	IV-2.30	do	do	June 30, 1975.
Cox Trailers, Inc	Grifton	T-2212	IV-2.60	Sept. 9, 1974	do	Dec. 31, 1974.
POLK COUNTY						
Polk County Board of Education:						
(a) Green Creek Elementary School.	Tryon	T-1277	II-1.3 II-2.2 IV-1.10	July 8, 1971	Immediately	Dec. 31, 1973.
(b) Mill Spring Elementary School.	Mill Spring	T-1275	II-1.3 II-2.2 IV-1.10	do	do	Do.
(c) Polk Central High School.	Mill Spring	T-1278	II-1.3 II-2.2 IV-1.10	do	do	Do.
(d) Saluda School	Saluda	T-1276	II-1.3 II-2.2 IV-1.10	do	do	Do.
(e) Sterns Elementary School.	Columbus	T-1280	II-1.3 II-2.2 IV-1.10	do	do	Do.
(f) Sunny View Elementary School.	Mill Spring	T-1279	II-1.3 II-2.2 IV-1.10	do	do	Do.
(g) Unit No. 3	Lumberton	T-1820	II-2.2 IV-1.10 IV-2.40	Aug. 25, 1972	do	Dec. 1, 1974.
DeVane Lumber Co	Fairmont	T-766	II-1.3	Apr. 13, 1971	do	June 30, 1973.
FCX, Inc., Fertilizer Plant	Lumberton	T-1637	II-2.2 II-5.2 IV-1.50 IV-2.40	May 2, 1972	do	Feb. 1, 1974.
J. G. Hughes, Inc	Parkton	T-2063	II-2.2 IV-2.30	Mar. 2, 1973	do	Sept. 1, 1973.
Liberty Manufacturing Co	Red Springs	T-1669	II-2.2 IV-2.30	May 15, 1972	do	Dec. 31, 1973.
Maxton Oil & Fertilizer Co	Maxton	T-2115	II-2.2 II-5.2 IV-1.10 IV-2.30 IV-2.40	Mar. 2, 1973	do	Oct. 1, 1973.
Midway Gin Co	do	T-1837	II-2.2 IV-2.30	Aug. 16, 1972	do	July 1, 1973.
Moldingcraft, Inc	Fairmont	T-1913	II-1.3	Dec. 11, 1972	do	Do.
North Carolina Cancer Institute.	Lumberton	T-683	II-1.3	Mar. 26, 1971	do	Dec. 31, 1973.
North Carolina State Highway Commission.	Rowland	T-1995	II-2.2 IV-1.40	Dec. 14, 1972	do	Mar. 31, 1973.
Town of Parkton	Parkton	T-321	II-1.3	Jan. 27, 1971	do	Dec. 31, 1973.
J. Q. Parnell Cotton Gin	do	T-2095	II-2.2 IV-2.30	Mar. 2, 1973	do	Sept. 1, 1973.
Pates Supply Co., Inc	Pembroke	T-2080	II-2.2 IV-2.30	Dec. 14, 1972	do	Sept. 15, 1973.
Red Springs Board of Education, Red Springs Senior High.	Red Springs	T-674	II-2.2 IV-1.10	Mar. 25, 1971	do	Oct. 1, 1973.
Robeson Technical Institute	St. Pauls	T-789	II-1.3 II-2.2 IV-1.10	Apr. 16, 1971	do	Dec. 31, 1973.
Town of St. Pauls	do	T-315	II-1.3	Jan. 22, 1971	do	Do.
Southern Mercerizing Co	Tryon	T-2282	II-2.2 IV-1.10 IV-2.40	June 28, 1973	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
RANDOLPH COUNTY						
Ashe Frame Co	Trinity	T-1919	II-1.3	Dec. 11, 1972	Immediately	Sept. 1, 1973.
Asheboro City Board of Education:						
(a) Asheboro High School.	Asheboro	T-1146	II-1.3	May 14, 1971	do	June 30, 1973.
(b) Asheboro Junior High School.	do	T-1150	II-1.3	do	do	Do.
(c) Balfour School	do	T-1148	II-1.3	do	do	Do.
(d) North Asheboro Junior High School.	do	T-1149	II-1.3	Dec. 11, 1972	do	Sept. 1, 1973.
(e) Guy B. Teachey School.	do	T-1147	II-1.3	do	do	Do.
Asheboro Hosiery Mills	do	T-968	II-1.3	May 5, 1971	do	Dec. 31, 1973.
Burgess Garbage Service	Ramseur	T-679	II-1.3	Mar. 26, 1971	do	Oct. 1, 1973.
Carrick Turning Works, Inc	High Point	T-2308	IV-2.60	June 29, 1973	do	Dec. 31, 1973.
Doug's of High Point	Trinity	T-2152	II-1.3	Mar. 2, 1973	do	July 1, 1973.
Town of Franklinville	Franklinville	T-773	II-1.3	Apr. 15, 1971	do	Apr. 30, 1973.
W. R. Grace & Company, Const. Products Div.	High Point	T-2419	II-2.2 IV-2.30	Mar. 18, 1974	do	Oct. 1, 1974.
Gregson Manufacturing Co	Liberty	T-2305	II-2.2 IV-1.10 IV-2.40	June 28, 1973	do	Feb. 1, 1974.
High Point Furniture Industries.	High Point	T-2314	IV-2.60	June 29, 1973	do	Dec. 31, 1973.
Town of Liberty	Liberty	T-108	II-1.3	Nov. 2, 1970	do	Apr. 30, 1973.
Liberty Bi-Rite	do	T-2342	II-1.3	June 29, 1973	do	Apr. 1, 1974.
Liberty Chair Corp	do	T-1645	II-2.2 II-5.2 IV-1.10	May 8, 1972	do	July 1, 1973.
Do	do	T-2313	IV-2.60	June 29, 1973	do	Dec. 31, 1973.
Liberty Hosiery Mills, Inc	do	T-1464	II-1.3	Oct. 28, 1971	do	July 1, 1973.
P & P Chair Co	Asheboro	T-2312	IV-2.60	June 29, 1973	do	Dec. 31, 1973.
Town of Ramseur	Ramseur	T-259	II-1.3	Jan. 7, 1971	do	June 30, 1973.
City of Randleman	Randleman	T-1174	II-1.3	May 20, 1971	do	Sept. 1, 1974.
Texfi Industries	Liberty	T-2388	II-2.2 IV-2.30	June 29, 1973	do	Oct. 1, 1974.
Weiman Co	Ramseur	T-1070	II-2.2 IV-1.10	May 10, 1971	do	June 30, 1973.
Do	do	T-2057	IV-2.60	Mar. 2, 1973	do	Jan. 4, 1974.
RICHMOND COUNTY						
Town of Ellerbe	Ellerbe	T-2002	II-1.3 II-2.2	Dec. 15, 1972	Immediately	Mar. 30, 1973.
Hudson Paving, Inc	Rockingham	T-1432	IV-1.10 IV-1.40 IV-2.40	Oct. 15, 1971	do	Jan. 1, 1974.
Ma Leck Woodcrafts, Inc	do	T-1874	II-1.3	Sept. 11, 1972	do	June 1, 1973.
Richmond County Board of Education, Hamlet Junior High School.	Hamlet	T-289	II-2.2 IV-1.10	Jan. 18, 1971	do	Aug. 1, 1973.
Southern Products and Silica Co., Inc.	Lilesville	T-790	II-2.2 IV-1.80	Apr. 16, 1971	do	Jan. 31, 1973.
Standard Foundry & Manufacturing Co.	Rockingham	T-1841	II-2.2 II-5.2 IV-2.20 IV-2.30 IV-2.40	Oct. 9, 1974	do	Apr. 30, 1975.
Southeastern Asphalt & Concrete Co., Inc.	do	T-2311	II-2.2 IV-1.40	June 29, 1973	do	Apr. 1, 1974.
J. P. Stevens & Co., Inc	do	T-248	II-2.2 IV-1.10 IV-2.40	Jan. 6, 1971	do	June 1, 1974.
ROBESON COUNTY						
Ashpole Trading Co	Fairmont	T-2112	II-2.2	Mar. 2, 1973	Immediately	Mar. 30, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			II-5.2 IV-2.30			
Carolina Footwear Co	Lumberton	T-2015	IV-2.60	Jan. 5, 1973	do	Nov. 15, 1973.
Carolina Grain & Feed Co	do	T-2038	II-2.2 IV-2.30	Mar. 2, 1973	do	Aug. 15, 1973.
Carolina Power & Light Co., W. H. Weatherspoon Steam Electric Plant:						
(a) Unit No. 1	do	T-1877	II-2.2 IV-1.10 IV-2.40	Sept. 11, 1972	do	May 1, 1975.
(b) Unit No. 2	do	T-1877	II-2.2 IV-1.10 IV-2.40	do	do	Sept. 11, 1974.
Texfi Textured Fibers	do	T-2386	II-2.2	June 29, 1973	do	Oct. 31, 1974.
Winn-Dixie Raleigh, Inc., Elm and Walnut Sts.	do	T-2357	IV-1.30	do	do	Nov. 1, 1973.
Winn-Dixie Raleigh, Inc., 1000 Pine St.	do	T-2359	IV-1.30	do	do	Do.
Wakulla Gin Co	Wakulla	T-2001	II-2.2 IV-2.30	Dec. 15, 1972	do	June 1, 1973.
Texfi Single Knits	Lumberton	T-2383	II-2.2	Sept. 6, 1973	do	Mar. 31, 1975.
ROCKINGHAM COUNTY						
Cone Mills Corp., Edna Plant.	Reidsville	T-2142	II-2.2 IV-1.10	Mar. 2, 1973	Immediately	Nov. 1, 1973.
Eden City Board of Education:						
(a) Douglass School	Eden	T-997	II-2.2 IV-1.10	May 6, 1971	do	Oct. 1, 1973.
(b) Lakeside School	do	T-998	II-2.2 IV-1.10	do	do	Do.
(c) Leaksville Spray Intermediate School.	do	T-999	II-2.2 IV-1.10	do	do	Do.
Golden Belt Manufacturing Co.	Reidsville	T-1960	IV-2.60	Mar. 15, 1974	do	Mar. 9, 1975.
Madison-Mayodan City Board of Education:						
(a) Dillard Elementary School.	Madison	T-1264	II-2.2 IV-1.10	June 21, 1971	do	Dec. 31, 1973.
(b) Madison-Mayodan Junior High School.	do	T-1263	II-2.2 IV-1.10	do	do	Do.
(c) Madison-Mayodan Senior High School.	do	T-1265	II-2.2 IV-1.10	do	do	Do.
(d) Scott Elementary School.	do	T-1262	II-2.2 IV-1.10	do	do	Do.
Stoneville Furniture Co., Inc	Stoneville	T-1546	II-2.2 IV-1.10	Mar. 23, 1972	do	July 1, 1973.
Stoneville Furniture Co., process operations.	do	T-2464	II-2.2 IV-2.30	Oct. 10, 1974	do	June 1, 1975.
ROWAN COUNTY						
Carolina Stalite Co	Salisbury		II-2.2 IV-1.90	Feb. 28, 1973	Immediately	Sept. 30, 1974.
Goodman Lumber Co	do		II-2.2 IV-2.30	do	do	June 30, 1975.
RUTHERFORD COUNTY						
Burlington Industries, Inc., Henrietta Plant.	Henrietta	T-1687	II-2.2 II-5.2 IV-1.10 IV-2.60	May 19, 1972	Immediately	July 1, 1974.
Burlington Industries, Caroleen Plant.	Caroleen	T-2185	II-2.2 IV-1.10 IV-2.40	Mar. 2, 1973	do	Dec. 31, 1974.
Colfax Gin	Ellenboro	T-2167	II-2.2	do	do	Oct. 1, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			IV-2.30			
Cone Mills Corp., Cliffside Division.	Cliffside	T-2183 II-2.2	II-5.2 IV-1.10 IV-2.30 IV-2.40	do	do	Dec. 31, 1974.
N. C. Display Fixture Co., Inc.	Forest City	T-2168	II-2.2 II-5.2 IV-2.60	do	do	May 31, 1974.
Do	do	T-1530	II-1.3	Feb. 24, 1972	do	Mar. 1, 1973.
Parton Lumber Co., Inc	Rutherfordton	T-2024	II-2.2 IV-1.10 IV-2.40	Mar. 15, 1975	do	Apr. 30, 1974.
Reeves Bros., Inc., Grace Plant.	do	T-1926	II-2.2 II-5.2 IV-2.30 IV-2.60	Dec. 11, 1972	do	Do.
Robbins Dry Cleaners	Spindale	T-1631	II-2.2 IV-1.10 IV-2.40	May 8, 1972	do	Apr. 1, 1973.
Rutherford Hospital, Inc	Rutherfordton	T-2158	II-1.3	Mar. 2, 1973	do	Sept. 30, 1973.
Rutherford Furniture Co. of Broyhill, Inc.	do	T-2177	II-2.2 IV-2.30	Mar. 2, 1972	do	Oct. 1, 1974.
Rutherford County Board of Education:						
(a) Bostic Elementary School.	Bostic	T-1677	II-2.2 IV-1.10 IV-2.40	May 18, 1972	do	Oct. 15, 1973.
(b) Carver Elementary School.	Spindale	T-1686	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(c) Gilkey Elementary School.	Gilkey	T-1678	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(d) Green Hill Elementary School.	Rutherfordton	T-1675	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(e) Oakland Elementary School.	Spindale	T-1680	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(f) Schoolbus garage	do	T-1685	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(g) Union Mills School	Union Mills	T-1683	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Spindale Isothermal Community College.	Spindale	T-668	II-1.3	Mar. 25, 1971	do	July 31, 1973.
Stonecutter Mills Corp	do	T-1846	II-2.2 IV-1.10 IV-2.40	June 10, 1972	do	June 30, 1973.
Tower Concrete Co., Inc	Forest City	T-1626	II-2.2 II-5.2 IV-1.90 IV-2.30	May 3, 1972	do	May 1, 1973.
Transcarolina Concrete Co	do	T-2046	II-2.2 IV-1.90 IV-2.30	Mar. 2, 1973	do	Jan. 31, 1974.
Wright Veneer Co., Inc	Spindale	T-1878	II-2.2 IV-1.10 IV-2.40	Sept. 11, 1972	do	Apr. 1, 1974.
Burlington Industries, Inc., J. C. Cowan Plant.	Forest City	T-2461	II-2.2 IV-2.30 IV-2.60	Mar. 22, 1974	do	Dec. 31, 1974.
Haynes Plant, Cone Mills Corp.	Henrietta	T-2255	II-2.2 IV-1.10 IV-2.40	June 27, 1973	do	Sept. 1, 1970.
The General Fireproofing Co.	Forest City	T-2262	II-2.2 II-5.2 IV-2.30	do	do	Jan. 31, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			IV-2.60			
Rutherford Furniture Co., Inc.	Rutherfordton	T-2273	II-2.2 IV-1.10 IV-2.40	do	do	Oct. 15, 1973.
N. C. Display Fixture Co	Forest City	T-2168	II-2.2 II-5.2 IV-2.60	Mar. 2, 1973	do	May 31, 1974.
Wright Veneer Co., Inc	Spindale	T-1878	II-2.2 IV-1.10 IV-2.40	Apr. 11, 1972	do	Apr. 1, 1974.
N. C. Display Fixture Co., Inc., process operations.	Forest City	T-2476	II-2.2 IV-2.30	Oct. 10, 1974	do	Apr. 1, 1975.
Rutherford County Board of Commissioners, fuel combustion.	Rutherfordton	T-2394	II-2.2 IV-2.40 IV-1.10	do	do	June 1, 1975.
SAMPSON COUNTY						
ABJ Enterprises, Inc	Dunn	T-1341	II-1.3	July 23, 1971	Immediately	June 30, 1974.
Do	do	T-1905	II-2.2 IV-2.30	Nov. 11, 1972	do	July 1, 1973.
C. A. Brown Lumber Co	Ivanhoe	T-2113	II-2.2 IV-1.10	Mar. 2, 1973	do	Dec. 31, 1973.
Do	do	T-2113	II-2.2 IV-1.10	Mar. 15, 1974	do	Apr. 30, 1975.
Kenner Lumber Co., Inc	Clinton	T-1756	II-1.3	June 28, 1972	do	June 30, 1973.
B. E. Lockamey Gin	do	T-2116	II-2.2 IV-2.30	Mar. 2, 1973	do	Sept. 1, 1973.
Plainview Gin Co	Dunn	T-1900	II-2.2 IV-2.30	Dec. 11, 1972	do	Do.
Sampson County Board of Education:						
(a) Bland Elementary School.	Harrells	T-2120	II-1.3	Mar. 2, 1973	do	Do.
(b) Chas E. Perry School.	Roseboro	T-2121	II-1.3	do	do	Do.
(c) Clear Run School	Garland	T-2122	II-1.3	do	do	Do.
(d) Clement School	Autryville	T-2123	II-1.3	do	do	Do.
(e) Garland Elementary School.	Garland	T-2124	II-1.3	do	do	Do.
(f) Garland High School	do	T-2125	II-1.3	do	do	Do.
(g) Halls Piney Grove School.	Clinton	T-2126	II-1.3	do	do	Do.
(h) Hargrove School	Faison	T-2127	II-1.3	do	do	Do.
(i) Hobbton Elementary School.	Newton Grove	T-2128	II-1.3	do	do	Do.
(j) Hobbton High School.	do	T-2129	II-1.3	do	do	Do.
(k) Midway Elementary School.	Dunn	T-2130	II-1.3	do	do	Do
(l) Midway High School	do	T-2131	II-1.3	do	do	Do.
(m) Mingo School	do	T-2132	II-1.3	do	do	Do.
(n) Plainview School	do	T-2133	II-1.3	do	do	Do.
(o) Roseboro-Salemburg School.	Roseboro	T-2134	II-1.3	do	do	Do.
(p) Salemburg Elementary School.	Salemburg	T-2135	II-1.3	do	do	Do.
(q) Turkey Elementary School.	Turkey	T-2136	II-1.3	do	do	Do.
(r) Union Elementary School.	Clinton	T-2137	II-1.3	do	do	Do.
(s) Union High School	do	T-2138	II-1.3	do	do	Do.
(t) Sampson County Board of Education.	do	T-2139	II-1.3	do	do	Do.
Sampson Technical Institute	do	T-732	II-2.2 IV-1.10	Apr. 6, 1971	do	Dec. 31, 1973.
Scovill, Hamilton Beach Division.	do	T-2092	II-5.2 IV-2.60	Mar. 2, 1973	do	July 31, 1974.
Fashion Farms, Inc	do	T-2226	IV-2.60	June 29, 1973	do	Dec. 31, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
McGill Brothers, Inc	Harrells	T-2227	II-1.3	June 27, 1973	do	Do.
Newton Grove Grain & Feed	Newton Grove	T-2284	IV-2.60	June 28, 1973	do	July 1, 1974.
Salemburg Milling Co	Salemburg	T-2376	IV-2.30	June 29, 1973	do	Do.
Winn-Dixie Raleigh, Inc., store No. 838	Clinton	T-2351	IV-1.30	do	do	Nov. 1, 1973.
SCOTLAND COUNTY						
Butler & Crumpler Milling Co., process operations	Roseboro	T-2502	II-2.2 IV-2.30	Oct. 10, 1974	Immediately	Apr. 1, 1975.
Garland Farm Supply, process operations	Garland	T-2503	II-2.2 IV-2.30	do	do	Do.
Coharie Mill & Supply Co	Clinton	T-2375	IV-2.30	Sept. 9, 1974	do	June 1, 1975.
H. J. Underwood Co	do	T-2377	IV-2.30	do	do	Apr. 1, 1975.
Covington Redi-Mix	Laurinburg	T-1997	II-2.2 IV-2.30	Dec. 14, 1972	do	Apr. 1, 1973.
Eaton Corp., Molded Products Division	do	T-2090	II-5.2 IV-2.60	Mar. 2, 1973	do	Dec. 31, 1973.
Town of Gibson	Gibson	T-151	II-1.3	Nov. 19, 1970	do	Mar. 31, 1973.
J. T. John Co	Laurinburg	T-1834	II-2.2 II-5.2 IV-2.30 V-2.40	July 3, 1972	do	Dec. 1, 1973.
Johns-Manville Corp	do	T-1998	IV-2.60	Dec. 14, 1972	do	Do.
Langley Gin	do	T-2064	II-2.2 IV-2.30	Mar. 2, 1973	do	Sept. 1, 1973.
City of Laurinburg	do	T-657	II-1.3	Mar. 24, 1971	do	Dec. 31, 1973.
Laurinburg-Scotland County Board of Education:						
(a) Carver School	do	T-974	II-1.3	May 5, 1971	do	Do.
(b) Carver School	do	T-974	II-2.2 IV-1.10	do	do	Dec. 31, 1972.
(c) Gibson School	Gibson	T-975	II-1.3	do	do	Dec. 31, 1973.
(d) Gibson School	do	T-975	II-2.2 IV-1.10	do	do	Dec. 31, 1971.
(e) Johnson School	Laurinburg	T-976	II-1.3	do	do	Dec. 31, 1973.
(f) Johnson School	do	T-976	II-2.2 IV-1.10	do	do	Dec. 31, 1971.
(g) Laurel Hill School	Laurel Hill	T-977	II-1.3 II-2.2 IV-1.10	do	do	Dec. 31, 1973.
(h) Pate-Gardner School	Laurinburg	T-978	II-1.3 II-2.2 IV-1.10	do	do	Do.
(i) Oak Grove School	do	T-979	II-1.3 II-2.2 IV-1.10	do	do	Do.
(j) South Scotland School	do	T-981	II-1.3 II-2.2 IV-1.10	do	do	Do.
(k) Wagram School	Wagram	T-982	II-1.3	do	do	Do.
(l) Wagram School	do	T-982	II-2.2 IV-1.10	do	do	Do.
(m) Shaw School	Laurinburg	T-980	II-1.3	do	do	Do.
(n) Shaw School	do	T-980	II-2.2 IV-1.10	do	do	Dec. 31, 1972.
(o) Laurinburg Junior High School	do	T-983	II-2.2 IV-1.10	do	do	Dec. 31, 1973.
Laurinburg Oil Co	do	T-1932	II-2.2 IV-2.30	Dec. 12, 1972	do	Sept. 1, 1973.
Lumbee Timber Co., Inc	do	T-1930	II-1.3	do	do	June 1, 1973.
Neill McKay Gin Co	Wagram	T-1999	II-2.2 IV-2.30	Dec. 14, 1973	do	Sept. 15, 1973.
Z. V. Pate, Inc., Gin	Gibson	T-1842	II-2.2 IV-2.30	Aug. 11, 1972	do	July 1, 1973.
Planters Gin Corp	Laurinburg	T-1853	II-2.2	Aug. 16, 1972	do	Sept. 15, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			II-5.2 IV-2.30 IV-2.40			
Raymond Gin	do	T-1931	II-2.2 IV-2.30	Dec. 12, 1972	do	Sept. 1, 1973.
Ritz-Craft Homes	Maxton	T-128	II-1.3	Apr. 6, 1971	do	Dec. 31, 1973.
Scotland Memorial Hospital, Inc.	Laurinburg	T-2098	II-1.3	Mar. 2, 1973	do	Dec. 1, 1973.
W. A. Simmons Lumber Co	Wagram	T-2119	II-1.3	do	do	Nov. 1, 1973.
Sinclair Lumber Co., Inc	Laurinburg	T-1929	II-1.3	Dec. 12, 1972	do	June 1, 1973.
Southern Gin & Fertilizer Co.	Gibson	T-1743	II-2.2 II-5.2 IV-2.30 IV-2.40	June 28, 1972	do	Sept. 1, 1973.
Spring Mills, Inc., Patricia Plant.	Wagram	T-503	II-1.3	Mar. 2, 1971	do	Mar. 31, 1973.
Cox Furniture	Maxton	T-2224	IV-2.60 IV-2.30	June 27, 1973	do	Dec. 31, 1973.
Winn-Dixie Raleigh Inc., store No. 823.	Laurinburg	T-2350	IV-1.30	June 29, 1973	do	Nov. 1, 1973.
Waverly Mills, Inc	do	T-1996	II-2.2 IV-1.10 IV-2.40	Dec. 14, 1972	do	May 1, 1973.
Spring Mills, Crandall Plant	Wagram	T-504	II-1.3 II-2.2 IV-1.10 IV-2.40	Mar. 2, 1971	do	Mar. 31, 1973.
STANLY COUNTY						
Albemarle City Board of Education, South Albemarle School Plant.	Albemarle	T-774	II-2.2 IV-1.10	Apr. 15, 1971	Immediately	June 30, 1973.
Builder Mart of Albemarle, Inc.	do	T-2143	II-2.2 IV-1.10 IV-2.40	Mar. 2, 1973	do	Do.
Carolina Solite Corp:						
(a) Kiln No. 1	Aquadale	T-2147	II-2.2 IV-2.30 IV-2.40	do	do	June 1, 1973.
(b) Kiln No. 2	do	T-2147	II-2.2 IV-2.30 IV-2.40	do	do	Jan. 1, 1974.
(c) Kiln No. 3	do	T-2147	II-2.2 IV-2.30 IV-2.40	do	do	Feb. 28, 1974.
(d) Kiln No. 4	do	T-2147	II-2.2 IV-2.30 IV-2.40	do	do	Mar. 1, 1974.
(e) Kiln No. 5	do	T-2147	II-2.2 IV-2.30 IV-2.40	do	do	Apr. 1, 1974.
(f) Kilns Nos. 6, 7, and 8.	do	T-2147	II-2.2 IV-2.30 IV-2.40	do	do	May 1, 1973.
Albemarle Scrap Metals	Albemarle	T-2310	II-2.2 IV-2.30	June 29, 1973	do	Dec. 1, 1973.
E. J. Snyder & Co., Inc., process operations.	do	T-2470	II-2.2 IV-2.30	Oct. 10, 1974	do	June 1, 1975.
Page Church Furniture Co., Inc., fuel combustion.	do	T-2469	II-2.2 IV-1.10	do	do	June 30, 1975.
Smith Novelty Co., Inc., unapproved incinerator.	do	T-2471	II-2.2 IV-1.30	do	do	Mar. 1, 1975.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
STOKES COUNTY						
Stokes-Reynolds Memorial Hospital	Danbury	T-1476	II-1.3	Oct. 28, 1971	Immediately	Dec. 31, 1973.
R. J. Reynolds, fuel combustion process operations	Walnut Cove	T-2389	II-2.2 IV-2.30 IV-1.10	Sept. 6, 1973	do	June 1, 1975.
SURRY COUNTY						
Chatham Manufacturing Co	Elkin	T-1523	II-2.2 IV-1.10 IV-2.40	Feb. 21, 1972	Immediately	July 31, 1973.
Moody Franklin Apartments	Mount Airy	T-1718	II-2.2 IV-1.10 IV-2.40	May 23, 1972	do	Sept. 15, 1973.
Mount Airy City Board of Education:						
(a) Bannertown School	do	T-1882	II-2.2 IV-1.10 IV-2.40	Sept. 11, 1972	do	Dec. 31, 1973.
(b) Rockford Street School	do	T-1883	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(c) South Main School	do	T-1884	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Mount Airy Furniture Co	do	T-1668	II-2.2 IV-1.10 IV-2.40	May 15, 1972	do	Do.
Mount Airy Table Co	do	T-1714	II-2.2 IV-1.10 IV-2.40	May 19, 1972	do	Do.
National Furniture Co	do	T-1711	II-2.2 IV-1.10 IV-2.40	May 24, 1972	do	Mar. 1, 1973.
W. S. Simpson Mill, Inc	Pilot Mountain	T-1585	II-2.2 II-5.2 IV-2.30 IV-2.40	May 1, 1972	do	June 30, 1973.
Surry County Board of Education:	Dobsin		II-1.3	Apr. 28, 1972	do	June 1, 1972.
(a) Copeland Elementary School	do	T-1557	II-2.2 II-5.2 IV-1.10 IV-2.40	do	do	Sept. 1, 1973.
(b) Flat Rock Elementary School	Mount Airy	T-1558	II-2.2 II-5.2 IV-1.10 IV-2.40	do	do	Do.
(c) Low Gap Elementary School	Low Gap	T-1553	II-2.2 II-5.2 IV-1.10 IV-2.40	do	do	Do.
(d) Pilot Mountain Elementary School	Pilot Mountain	T-1554	II-2.2 II-5.2 IV-1.10 IV-2.40	do	do	Do.
(e) Shoals Elementary School	Pinnacle	T-1555	II-2.2 II-5.2 IV-1.10 IV-2.40	Apr. 28, 1973	do	Do.
North Carolina Granite Company	Mount Airy	T-2416	II-2.2 IV-2.30	Mar. 18, 1974	do	Apr. 1, 1971.
Surry County Board of Education, Westfield Elementary School:						
(1) Open burning	Westfield	T-1556	II-1.3	Apr. 28, 1972	do	June 1, 1972.
(2) Fuel combustion	do	T-1556	II-2.2	do	do	Sept. 1, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			IV-1.10 II-5.2 IV-2.40			
Lowe's Food Stores, Inc., store No. 11.	Mount Airy	T-2343	II-1.3	June 28, 1973	do	Apr. 30, 1974.
Oro Manufacturing Co	Nonroe	T-2307	II-2.60	June 29, 1973	do	Dec. 31, 1973.
Elkin Furniture Co., process operations.	Elkin	T-2457	II-2.2 IV-2.30	Oct. 10, 1974	do	June 30, 1975.
Mount Airy Table Co., Inc., process operations.	Mount Airy	T-2463	II-2.2 IV-2.30	do	do	May 15, 1975.
National Furniture Co., Inc., process operations.	do	T-2465	II-2.2 IV-2.30	do	do	Do.
SWAIN COUNTY						
Bryson City Coal & Lumber	Bryson City	T-1942	II-2.2 IV-1.10 IV-2.40	Dec. 12, 1972	Immediately	June 30, 1973.
Bryson City Town Hall	do	T-1943	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Consolidated Furniture Inc	do	T-615	II-2.2 IV-1.10 IV-2.00	Mar. 18, 1971	do	Do.
Nantahala Talc & Limestone Co., Inc.	Hewitts	T-2176	II-2.2 IV-1.80	Mar. 2, 1973	do	Dec. 31, 1973.
North Carolina State Highway Commission, Asphalt Mix Plant.	Bryson City	T-1869	II-2.2 IV-1.40	Aug. 25, 1972	do	Do.
Swain County Board of Education:						
(a) Swain County High School.	do	T-1352	II-1.3 II-2.2 IV-1.10	Sept. 24, 1971	do	Sept. 1, 1973.
(b) Bryson City Elementary.	do	T-1351	II-1.3 II-2.2 IV-1.10	do	do	Do.
(c) Almond School	do	T-1350	II-1.3 II-2.2 IV-1.10	do	do	Do.
(d) Alarka School	do	T-1349	II-1.3 II-2.2 IV-1.10	do	do	Do.
Swain County Hospital, Inc	do	T-1944	IV-1.30	Dec. 12, 1972	do	June 1, 1973.
Transcarolina Concrete Co	do	T-2044	II-2.2 IV-1.90 IV-2.30	Mar. 2, 1973	do	Jan. 31, 1974.
Consolidated Furniture Inc	do	T-2169	II-2.2 II-5.2 IV-2.60	do	do	Dec. 31, 1973.
TRANSYLVANIA COUNTY						
McCrary Sand & Concrete	Brevard	T-1928	II-2.2 IV-1.80	Dec. 12, 1972	Immediately	June 1, 1973.
Olin Corp.:						
(a) Boilers 5, 6, 7	Pisgah Forest	T-1311	II-2.2 IV-1.20 IV-1.60 IV-2.40	Dec. 14, 1971	do	Oct. 1, 1973.
(b) Boilers 1, 2, 3, 4, 8	do	T-1311	II-2.2 IV-1.20 IV-1.60 IV-2.40	do	do	Oct. 15, 1974.
Olin Corp., Ecusta Fine Paper & Film Divisions.	do	T-2170	II-2.2 II-5.2 IV-2.60	Mar. 9, 1973	do	June 1, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Transylvania County Board of Education, Penrose Elementary School.	Brevard	T-1383	II-2.2 IV-1.10 II-1.3	Aug. 6, 1971	do	Jan. 1, 1973.
TYRRELL COUNTY						
Butler Land & Timber Co., woodwaste open burning.	Columbia	T-1772		Sept. 6, 1973	Immediately	Sept. 30, 1973.
UNION COUNTY						
Atlantic Lumber Co., Inc	Indian Trail	T-1080	II-2.2 IV-2.30	May 11, 1971	Immediately	Nov. 30, 1973.
J. W. Broom & Sons Gin & Mill.	Monroe	T-1179	II-2.30	May 20, 1971	do	Sept. 1, 1973.
Carolina Timber Co., Inc	Marshville	T-1797	II-1.3	June 29, 1972	do	Dec. 31, 1973.
Carriker Church Furniture Co.	Monroe	T-1584	II-1.3	May 1, 1972	do	Jan. 31, 1973.
City of Monroe, Winchester Avenue neighborhood facility.	do	T-1701	II-2.2 IV-1.10 IV-2.40	May 24, 1972	do	Apr. 30, 1972.
Helms Brothers Gin	Marshville	T-2018	II-2.2 IV-2.30	Jan. 5, 1973	do	Oct. 1, 1973.
Ma Leck Woodcrafts, Inc	Wingate	T-2025	II-1.3	Dec. 15, 1972	do	June 1, 1973.
Manetta Mills, Inc	Monroe	T-2149	II-2.2 IV-1.10	Mar. 2, 1973	do	Dec. 31, 1973.
Union County Board of Education:						
(a) Marshville Elementary School.	Marshville	T-579	II-2.2 IV-1.10	Mar. 17, 1971	do	Sept. 1, 1973.
(b) Wingate Elementary	Wingate	T-575	II-2.2 IV-1.10	Mar. 16, 1971	do	Do.
(c) Mineral Springs School.	Mineral Springs.	T-580	II-2.2 IV-1.10	Mar. 17, 1971	do	Do.
Spring Mills Inc	Monroe	T-2412	II-2.2 IV-2.30	Mar. 18, 1974	do	July 1, 1974.
FCX, Inc., process operations.	Marshville	T-2473	II-2.2 IV-2.30	Oct. 10, 1974	do	May 1, 1975.
Monroe Combining Corp., process operations.	Monroe	T-2474	II-2.2 IV-2.30	do	do	July 1, 1975.
VANCE COUNTY						
Americal Corp	Henderson	T-1992	IV-2.60	Dec. 14, 1972	Immediately	Sept. 1, 1973.
Burkart Carolina Plant	do	T-1623	II-2.2 II-5.2 IV-1.10 IV-2.40 IV-2.30	May 3, 1972	do	Mar. 31, 1973.
Henderson Laundry, Inc	do	T-1991	II-2.2 IV-1.10 IV-2.40	Dec. 14, 1972	do	July 1, 1973.
Home Bldg. Supply Co	do	T-308	IV-2.30	Jan. 22, 1971	do	Jan. 31, 1973.
Perry Lumber Co	do	T-1879	II-1.3	Sept. 11, 1972	do	Dec. 1, 1974.
Vance County Board of Education:						
(a) Clarke Street School.	do	T-1729	II-2.2 IV-1.10 IV-2.40	June 9, 1972	do	Oct. 1, 1973.
(b) Eaton-Johnson Junior High School	do	T-1730	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(c) New Hope School	do	T-1731	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(d) North Henderson	do	T-1732	II-2.2 IV-1.10 IV-2.40	do	do	Do.
(e) Rollins Annex	do	T-1733	II-2.2	do	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
			IV-1.10 IV-2.40			
Kerilon, Inc	do	T-2426	II-2.2 IV-2.30	Mar. 18, 1974	do	Dec. 31, 1974.
Fram Corporation, General Products Div.	do	T-2438	II-2.2 IV-2.30	do	do	June 1, 1974.
Vance County Board of Education, L. B. Yancey.	do	T-1734	II-2.2 IV-1.10 IV-2.40	June 2, 1972	do	Sept. 30, 1973.
Dixie Milling Co., process operations.	do	T-2495	II-2.2 IV-2.30	Oct. 10, 1974	do	Jan. 31, 1975.
WAKE COUNTY						
Athey Products Corp	Raleigh	T-1071	II-1.3	May 10, 1971	Immediately	Mar. 31, 1973.
Carolina Builders Corp	do	T-2099	II-2.2 IV-2.30	Mar. 2, 1973	do	June 1, 1973.
Fisher Bakery & Sandwich Co., Inc.	do	T-1180	II-1.3	May 20, 1971	do	June 30, 1973.
Gelder & Associates, Inc	Garner	T-1431	II-2.2 IV-2.30 IV-2.40	Oct. 15, 1971	do	Mar. 1, 1973.
Johnson Lumber Co	do	T-2071	II-1.3	Mar. 2, 1973	do	June 1, 1973.
Kings Department Store No. 49.	Raleigh	T-1955	II-1.3	Dec. 13, 1972	do	Jan. 1, 1973.
Kopper's Co., Inc	Morrisville	T-1416	II-1.3 II-2.2 IV-1.10	Sept. 24, 1971	do	June 30, 1973.
Lufkin Division, Cooper Ind., Inc.:						
(a) Degreasing process	Apex	T-2111	II-5.2 IV-2.60	Mar. 2, 1973	do	July 15, 1973.
(b) Steel painting process.	do	T-2111	II-5.2 IV-2.60	do	do	Dec. 31, 1973.
(c) Wood lathe coating process.	do	T-2111	II-5.2 IV-2.60	do	do	June 30, 1974.
Scovill Manufacturing Co., Scovill Fluid Power Division.	Wake Forest	T-2091	II-5.2 IV-2.60	do	do	Aug. 1, 1973.
Town of Wake Forest	do	T-794	II-1.3	Apr. 19, 1971	do	June 30, 1973.
Wake County Board of Education:						
(a) Apex Elementary School.	Apex	T-1885	IV-1.10 IV-2.40	Sept. 12, 1972	do	Oct. 15, 1973.
(b) Apex High School	do	T-1886	IV-1.10 IV-2.40	do	do	Do.
(c) A. V. Baucom School.	do	T-1887	IV-1.10 IV-2.40	do	do	Do.
(d) Brentwood School	Raleigh	T-1888	IV-1.10 IV-2.40	do	do	Do.
(e) Cary Elementary School.	Cary	T-1889	IV-1.10 IV-2.40	do	do	Do.
(f) Cary Senior High School.	do	T-1890	IV-1.10 IV-2.40	do	do	Do.
(g) Garner High School	Garner	T-1891	IV-1.10 IV-2.40	do	do	Do.
(h) Vandora Springs School.	do	T-1894	IV-1.10 IV-2.40	do	do	Do.
(i) Vena Wilburn School	Raleigh	T-1895	IV-1.10 IV-2.40	do	do	Do.
(j) Wake Forest Elementary School.	Wake Forest	T-1896	IV-1.10 IV-2.40	do	do	Do.
(k) Wake Forest-Rolesville Junior High School.	do	T-1897	IV-1.10 IV-2.40	do	do	Do.
(l) Wake Forest-Rolesville Senior High School.	do	T-1898	IV-1.10 IV-2.40	do	do	Do.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
(m) West Cary Junior High School	Cary	T-1899	IV-1.10 IV-2.40	do	do	Do.
Athey Products Corp	Wake Forest	T-2443	IV-2.60 IV-2.30	Mar. 18, 1974	do	Aug. 20, 1974.
Paul Beasley Concrete, Inc	Fuquay-Varina	T-2436	II-2.2 IV-2.20	do	do	Do.
Cameron Court Apartments	Raleigh	T-2445	II-1.3 IV-1.30	do	do	July 17, 1974.
Tobacco Growers Service	Fuquay-Varina	T-2429	II-2.2 IV-2.30	do	do	Aug. 31, 1974.
Beckanna Apartments	Raleigh	T-2287	IV-1.30	June 28, 1973	do	Dec. 30, 1973.
Carolina Culvert Manufacturing, Inc.	do	T-2294	II-2.2 II-5.2 IV-2.30 IV-2.60	do	do	Jan. 31, 1974.
ESB, Inc., EMED	do	T-2381	II-2.2 II-5.2 IV-2.30 IV-2.40	June 29, 1973	do	Dec. 31, 1973.
Raleigh Public Schools:						
(a) Barbee School	do	T-2252	II-2.2 IV-1.10 IV-2.40	June 27, 1973	do	Sept. 30, 1973.
(b) Eliza Poole School	do	T-2251	II-2.2 IV-1.10 IV-2.40	do	do	Do.
North Carolina State Department of Correction, Central Prison:						
(a) Paint manufacturing	do	T-2387	IV-2.60	June 29, 1973	do	June 1, 1974.
(b) License painting	do	T-2387	IV-2.60	do	do	Feb. 1, 1974
Rex Hospital	do	T-2291	IV-1.30	June 28, 1973	do	Dec. 31, 1973.
Wake Memorial Hospital	do	T-2297	II-2.2 IV-1.30	do	do	June 1, 1974.
Wake County Opportunities, Inc.	do	T-2288	II-2.2 IV-1.10 IV-2.40	do	do	Nov. 1, 1973.
Wenco Furniture Co	Wendell	T-2292	II-2.2 IV-2.00	do	do	Aug. 31, 1974.
Winn-Dixie Raleigh, Inc., store No. 846.	Zebulon	T-2369	IV-1.30	do	do	Oct. 15, 1973.
Winn-Dixie Raleigh, Inc.:						
(a) Store No. 852	Raleigh	T-2363	IV-1.30	do	do	Do.
(b) Store No. 853	do	T-2362	IV-1.30	do	do	Do.
(c) Store No. 854	do	T-2361	IV-1.30	do	do	Do.
(d) Store No. 857	do	T-2360	IV-1.30	do	do	Do.
(e) Store No. 858	do	T-2368	IV-1.30	do	do	Do.
(f) Store No. 859	do	T-2367	IV-1.30	do	do	Do.
(g) Store No. 864	do	T-2366	IV-1.30	do	do	Do.
Panels, Inc	do	T-2100	II-2.2 IV-2.00	Mar. 2, 1973	do	June 1, 1973.
Ward Transformer	do	T-2114	II-1.3	do	do	Do.
Westinghouse Electric Corp., Westinghouse Meter Division.	do	T-2153	II-5.2 IV-2.60	do	do	Sept. 1, 1973.
Adams Concrete Products Co., process operations.	do	T-2484	II-2.2 IV-2.30	Oct. 10, 1974	do	June 1, 1975.
Carolina Plywood Co., Inc., process operations.	Apex	T-2485	II-2.2 IV-2.30	do	do	Jan. 30, 1975.
Baby Diaper Service, fuel combustion.	Raleigh	T-2295	II-2.2 IV-1.10 IV-2.40	Sept. 6, 1973	do	Aug. 31, 1974.
Carolina Power & Light Co., fuel combustion.	do	T-2246	II-2.2 IV-1.10 IV-2.40	do	do	Nov. 1, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
WARREN COUNTY						
Warren Cotton & Fertilizer Co.	Warrenton	T-1990	II-2.2 IV-1.50	Dec. 14, 1972	Immediately	Sep. 1, 1973.
Warren County Schools:						
(a) North Warren School.	Wise	T-1812	II-1.3	Aug. 16, 1972	do	Oct. 31, 1973.
(1) Main building	do	T-1812	IV-1.10 IV-2.40	do	do	Do.
(2) Lunchroom and vocational building.	do	T-1812	IV-1.10 IV-2.40	do	do	Do.
(b) John Hawkins School.	Warrenton	T-1810	IV-1.10 IV-2.40	do	do	Do.
(1) Elementary building.	do	T-1810	IV-1.10 IV-2.40	do	do	Do.
(2) Gymnasium and vocational school.	do	T-1810	IV-1.10 IV-2.40	do	do	Do.
General Box Company	do	T-2440	II-1.3	Mar. 31, 1974	do	Aug. 1, 1974.
WASHINGTON COUNTY						
North Carolina State Highway Commission, Asphalt Mix Plant.	Creswell	T-1860	IV-1.40 IV-2.2	Aug. 25, 1972	Immediately	Dec. 31, 1972.
Plymouth Fertilizer Co., Inc.	Plymouth	T-1302	II-1.3	July 6, 1971	do	June 30, 1973.
Town of Roper	Roper	T-295	II-1.3	Jan. 19, 1971	do	Jan. 1, 1973.
Williams Lumber Co., Inc	Mackeys	T-1421	II-2.2 IV-1.30 V-2.40	Oct. 6, 1971	do	Dec. 1, 1973.
WATAUGA COUNTY						
Town of Boone	Boone	T-2026	II-2.2 IV-1.10 IV-2.40	Mar. 15, 1974	Immediately	Sept. 1, 1974.
Daniel Boone Hotel	do	T-2027	II-2.2 IV-1.10 IV-2.40	do	do	Oct. 1, 1973.
Lee Barnett Chevrolet-Oldsmobile.	do	T-2029	II-2.2 IV-1.10 IV-2.40	do	do	July 1, 1974.
Lowe's Food Store, Inc., Store No. 18.	do	T-2028	II-1.3	Dec. 19, 1972	do	Sept. 1, 1973.
Vermont American Corp.	do	T-2037	IV-2.60	Mar. 2, 1973	do	Jan. 1, 1974.
Watauga County Board of Education:						
(a) Bethel Elementary School.	Sugar Grove	T-1208	II-1.3 II-2.2 IV-1.10	May 27, 1971	do	Sept. 1, 1973.
(b) Green Valley Elementary School.	Boone	T-1209	II-1.3 II-2.2 IV-1.10	do	do	Do.
(c) Mabel Elementary School.	Zionville	T-1210	II-1.3 II-2.2 IV-1.10	do	do	Do.
(d) Valle Crucis Elementary School.	Valle Crucis	T-1211	II-1.3 II-2.2 IV-1.10	do	do	Do.
Watauga County Library	Boone	T-1954	II-2.2 IV-1.10 IV-2.40	Dec. 13, 1972	do	June 30, 1973.
Loven Ready Mix Co., process operations	do	T-2480	II-2.2 IV-2.30	Oct. 10, 1974	do	Dec. 30, 1974.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
WAYNE COUNTY						
Carolina Power & Light Co., H. F. Lee Steam Electric Plant:						
(a) Unit No. 1	Goldsboro	T-1822	II-2.2 IV-1.10 IV-2.40	Aug. 25, 1972	Immediately	Nov. 1, 1974.
(b) Unit No. 2	do	T-1876	II-2.2 IV-1.10 IV-2.40	Sept. 11, 1972	do	Mar. 1, 1975.
(c) Unit No. 3	do	T-1822	II-2.2 IV-1.10 IV-2.40	Aug. 25, 1972	do	June 1, 1974.
Duplin Face Veneer Co., Inc.	Mount Olive	T-1586	II-2.2 IV-1.10 IV-2.40	May 1, 1972	do	June 30, 1973.
Goldsboro City Board of Education:						
(a) Greenleaf School	Goldsboro	T-510	II-2.2 IV-1.10	Mar. 2, 1971	do	Sept. 30, 1973.
(b) Virginia Street School.	do	T-509	II-2.2 IV-1.10	do	do	Do.
Hotel Holding Co., Inc., of the Goldsboro Motor Hotel.	do	T-1075	II-2.2 IV-1.10	May 10, 1971	do	June 30, 1973.
North Carolina Department of Mental Health, Cherry Hospital.	do	T-1758	II-2.2 IV-1.10 IV-2.40	June 28, 1972	do	Sept. 30, 1973.
Wayne County Board of Education:						
(a) Eureka Elementary School.	Eureka	T-1042	II-1.3	May 7, 1971	do	Sept. 1, 1972.
Do	do	T-1042	II-2.2 IV-1.10	do	do	Sept. 1, 1973.
(b) Grantham Elementary School.	Goldsboro	T-1038	II-1.3	do	do	Sept. 1, 1972.
Do	do	T-1038	II-2.2 IV-1.10	do	do	Sept. 1, 1973.
(c) Rosewood Elementary School.	do	T-1040	II-1.3	do	do	Sept. 1, 1972.
Do	do	T-1040	II-2.2 IV-1.10	do	do	Sept. 1, 1973.
(d) Seven Springs Elementary School.	Seven Springs	T-1039	II-1.3	do	do	Do.
Do	do	T-1039	II-2.2 IV-1.10	do	do	Sept. 1, 1972.
(e) Wahunta Elementary School.	Pikeville	T-1041	II-1.3	do	do	Do.
Do	do	T-1041	II-2.2 IV-1.10	do	do	Sept. 1, 1973.
Wayne Grain Co	Goldsboro	T-2062	II-2.2 IV-2.30	Mar. 2, 1973	do	July 31, 1973.
Boling Chair Co	Mount Olive	T-2214	IV-2.60	June 27, 1973	do	Dec. 31, 1973.
Dewey Brothers, Inc., conical burner.	Goldsboro	T-1583	II-2.20 IV-2.00	Sept. 9, 1974	do	Dec. 31, 1974.
Peacock & Rose, process operations.	Fremont	T-2522	IV-2.30	Oct. 10, 1974	do	June 1, 1975.
WILKES COUNTY						
Abitibi Corp	Roaring River	T-2160	II-1.3	Mar. 8, 1973	Immediately	June 1, 1973.
Do	do	T-2160	II-2.2 II-5.2 IV-2.30	do	do	Dec. 31, 1974.
American Drew, Inc., American No. 1 Plant.	North Wilkesboro.	T-1851	II-2.2 II-5.2 IV-2.30	Mar. 15, 1974	do	Mar. 30, 1975.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
Benchmark Furniture, Inc	Wilkesboro	T-2172	II-2.2 II-5.2 IV-2.00 V-2.60	Mar. 2, 1973	do	Dec. 31, 1973.
Carolina Mirror Corp	North Wilkesboro.	T-1958	IV-2.60	Dec. 13, 1972	do	June 30, 1974.
Gardner Mirror Corp., Inc	do	T-2175	II-2.2 IV-2.30 IV-2.60	Mar. 2, 1973	do	July 1, 1974.
Hamby Brothers Ready Mix	do	T-1945	II-2.2 IV-1.90 IV-2.30	Dec. 12, 1972	do	Mar. 30, 1973.
Hammary Furniture, division of United States Industries, Plant No. 3.	do	T-1968	II-2.2 IV-2.00 IV-2.30	Jan. 5, 1973	do	Mar. 30, 1974.
Shaver Howard, Inc	do	T-1907	II-2.2 IV-1.10 IV-2.40	Dec. 11, 1972	do	June 1, 1973.
Lineberry Foundry & Machine Co., Inc.	do	T-1909	II-2.2 II-5.2 IV-2.20 V-2.30	Dec. 12, 1974	do	May 1, 1975.
Lowe's Food Stores, Inc.:						
(a) Store No. 1	do	T-1920	II-1.3	do	do	Sept. 1, 1973.
(b) Store No. 2	do	T-1947	II-1.3	do	do	Do.
(c) Store No. 3	do	T-1948	II-1.3	do	do	Do.
Modern Globe, Inc	do	T-2171	II-1.3	Mar. 9, 1973	do	May 31, 1973.
North Carolina State Highway Commission, Asphalt Mix Plant.	do	T-1868	II-2.2 IV-1.40	Aug. 25, 1972	do	Dec. 31, 1972.
W. E. Sales & Sons Inc	Ronda	T-2031	II-2.2 IV-1.10 IV-2.40	Jan. 5, 1973	do	Apr. 1, 1974.
Wilkes Laundry & Cleaners	North Wilkesboro.	T-1854	II-2.2 IV-1.10 IV-2.40	Aug. 28, 1972	do	Do.
Lowes Company Inc Bucham Lumber.	do	T-2265	I-2.2 IV-2.30	June 27, 1973	do	Dec. 31, 1973.
Lowe's Food Store, Inc., store No. 5.	do	T-1949	II-1.3	Dec. 12, 1972	do	Sept. 1, 1973.
American Drew, Inc.:						
(a) Plant No. 1	do	T-2258	II-2.2 II-5.2 IV-2.30 IV-2.60	June 27, 1973	do	Dec. 31, 1973.
(b) Plant No. 2	do	T-2259	II-2.2 II-5.2 IV-2.30 IV-2.60	do	do	Do.
Key City Furniture Co	North Wileshore.	T-2260	II-2.2 II-5.2 IV-2.30 IV-2.60	do	do	Do.
W. H. McElwee	do	T-2272	II-2.2 IV-1.10 IV-2.40	do	do	Jan. 31, 1974.
Phillips Tire Service	do	T-2277	II-1.3 II-5.2 IV-2.30	June 28, 1973	do	Dec. 1, 1973.
W. E. Sale & Sons, Inc	Ronda	T-2031	II-2.2 IV-1.10 IV-2.40	Jan. 5, 1973	do	Apr. 1, 1974.
J. F. Enterprises, process operations.	Wilkesboro	T-2269	II-2.2 II-5.2 IV-2.30	Sept. 6, 1973	do	May 1, 1974.
Hammary Furniture, process operations.	North Wilkesboro.	T-2276	II-2.2 II-5.2 IV-2.60 IV-2.30	do	do	Dec. 1, 1973.

NORTH CAROLINA—Continued

Source	Location	Permit No.	Regulations involved	Date of adoption	Effective date	Final compliance date
WILSON COUNTY						
Wilson City Board of Education:						
(a) Margaret Hearre School.	Wilson	T-809	II-2.2 IV-1.10	Apr. 19, 1971	Immediately	Sept. 1, 1973.
(b) Woodard School	do	T-810	II-2.2	do	do	Do.
Wilson County Board of Education:						
(a) Sims School	Sims	T-963	II-1.3	May 4, 1971	do	Dec. 31, 1972.
		T-963	II-2.2 IV-1.10	do	do	Dec. 31, 1973.
(b) Lamms School	Wilson	T-964	II-1.3	do	do	Dec. 31, 1972.
		T-964	II-2.2 IV-1.10	do	do	Dec. 31, 1973.
(c) Barkley Gin Co	Elm City	T-2009	II-2.2 IV-2.30	Mar. 2, 1973	do	Sept. 1, 1973.
(d) Silver Lake Gin	do	T-2156	II-2.2 IV-2.30	do	do	Aug. 15, 1973.
(e) Blue Bell, Inc	Wilson	T-2097	II-1.3	do	do	June 30, 1973.
North Carolina Highway Commission, Asphalt Mix Plant.	do	T-1862	II-2.2 IV-1.40	Aug. 25, 1972	do	Dec. 31, 1972.
Wallace-Murry Corp., Fiberglass Division.	do	T-2256	IV-2.60	June 28, 1973	do	Mar. 31, 1974.
Hardee's of Wilson, Herring Ave.	do	T-2286	II-2.2 II-5.2 IV-2.30	do	do	Jan. 15, 1974.
Hardee's of Wilson, Tarboro St.	do	T-2285	II-2.2 II-5.2 IV-2.3	do	do	Do.
Winn-Dixie Raleigh, Inc., store No. 888.	do	T-2352	IV-1.30	June 29, 1973	do	Dec. 15, 1973.
Kaiser Agriculture	do	T-1911	II-2.2 IV-2.30	Dec. 11, 1972	do	Sept. 1, 1973.
Cargill, Inc., process operations.	do	T-2490	II-2.2 II-5.2 IV-2.30	Oct. 10, 1974	do	May 31, 1975.
Lucama Grain Co., Inc., process operations.	Lucama	T-2481	II-2.2 IV-2.30	do	do	Dec. 31, 1974.
YADKIN COUNTY						
Yadkin Granite Ready Mix Company.	Jonesville	T-2415	II-2.2 IV-2.30	Mar. 18, 1974	Immediately	July 1, 1974.
Carl Rose & Sons Ready Mix, process operations.	do	T-2414	II-2.2 IV-2.30	Oct. 10, 1974	do	June 1, 1975.
YANCEY COUNTY						
Diamond Mica Co	Micaville	T-1993	II-2.2 IV-1.70	Dec. 14, 1972	Immediately	July 1, 1973.
Deneen Mica Co., Inc	Newdale	T-2030	II-2.2 IV-1.70	Jan. 5, 1973	do	Dec. 30, 1973.
NuWray Inn, Inc	Burnsville	T-2174	II-2.2 IV-1.40 IV-2.40	Mar. 2, 1973	do	Aug. 1, 1973.
Styles & Co	do	T-2173	II-2.2 IV-1.10 IV-2.40	do	do	Do.
Tri-County Concrete Co	do	T-2263	II-2.2 IV-2.30	June 27, 1973	do	Dec. 31, 1973.

[38 FR 16146, June 20, 1973, as amended at 40 FR 3442, Jan. 22, 1975; 40 FR 14074, Mar. 28, 1975; 40 FR 41780, 41786, Sept. 9, 1975]

§ 52.1775 [Reserved]

§ 52.1776 Extensions.

(a) The administrator hereby extends for 18 months (until July 1, 1980) the statutory timetable for submittal of North Carolina plan to attain and maintain the secondary ambient standard for particulate matter in the Spruce Pine nonattainment area (40 CFR 81.334).

(b) The Administrator hereby extends until December 31, 1987, the statutory deadline for attainment of the national standards for carbon monoxide in Mecklenburg County.

[45 FR 2033, Jan. 10, 1980, as amended at 45 FR 26043, Apr. 17, 1980]

§ 52.1777 Maintenance of national standards.

(a) The areas listed below which were identified by the State of North Carolina are hereby identified by the Administrator pursuant to § 51.12, paragraphs (e) and (f), of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Charlotte Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Mecklenburg County.

(2) Greensboro Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Guilford County.

(3) Winston-Salem Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Forsyth County.

[40 FR 18735, Apr. 29, 1975]

§ 52.1778 Significant deterioration of air quality.

(a)-(b) [Reserved]

(c) All applications and other information required pursuant to § 52.21 of this part from sources located or to be located in the State of North Carolina shall be submitted to the North Carolina Environmental Management Commission, Department of Natural and Economic Resources, Division of Environmental Management, P.O. Box 27687, Raleigh, North Carolina 27611. Attention: Air Quality Section, instead of the EPA Region IV office.

[43 FR 26410, June 19, 1978, as amended at 47 FR 7837, Feb. 23, 1982]

§ 52.1779—52.1780 [Reserved]

§ 52.1781 Control strategy: Sulfur oxides and particulate matter.

The plan's control strategy for particulate matter as outlined in the three-year variance for the coal-fired units of Duke Power Company and Carolina Power & Light Company from the particulate emission limits of Regulation 15 N.C.A.C. 2D.0503, with submittals on June 18, September 7, October 31, and December 14, 1979, by the North Carolina Department of Natural Resources and Community Development, is disapproved only insofar that it provides an exemption for excess emissions during periods of startup, shutdown, and verified malfunction. (See § 52.1770(c)(22).)

[45 FR 55425, Aug. 20, 1980]

Subpart JJ—North Dakota

§ 52.1820 Identification of plan.

(a) Title of plan: "Implementation Plan for the Control of Air Pollution for the State of North Dakota."

(b) The plan was officially submitted on January 24, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Air quality maintenance area designation submitted June 26, 1974, by the Governor.

(2) Compliance schedules submitted on June 14, 1973, by the Governor.

(3) Provision for public notice and comment on new source reviews and a revised compliance schedule submitted on February 19, 1974, by the Governor.

(4) Clarification concerning the revision of the secondary particulate standard attainment date submitted on November 21, 1974, by the Governor.

(5) Explanation of why sources could not comply by the original attainment date submitted April 23, 1975, by the State Department of Health.

(6) Revisions to the North Dakota Century Code making emission data public information and revising penalties, revised new source performance standards, emission standards for hazardous air pollutants, and prevention of significant air quality deterioration regulations submitted on May 26, 1976, by the Governor.

(7) Supplemental information stating that the complete new source application would be available for public review submitted August 23, 1976 by the State Department of Health.

(8) A revised compliance schedule for the Basin Electric Power Plant at Velva submitted on December 22, 1976, by the Governor.

(9) Requirements for continuous opacity monitoring by 7 sources submitted on May 26, 1977, by the Governor.

(10) Provisions to meet the requirements of Part C, Title I, and section 110 of the Clean Air Act, as amneded in 1977, were submitted on July 17, 1978.

(11) On January 25, 1980, the Governor submitted a plan revision to meet the requirements of Air Quality Monitoring 40 CFR Part 58, Subpart C, § 58.20, and Public Notification required under section 127 of the Clean Air Act.

(Secs. 127, 110(A)(2)(k), and 109 of the Clean Air Act)

[37 FR 10885, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1820, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1821 Classification of regions.

The North Dakota plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Metropolitan Fargo-Moorhead Interstate	II	III	III	III	III
North Dakota Intrastate	II	III	III	III	III

[37 FR 10885, May 31, 1972]

§ 52.1822 Approval status.

With the exceptions set forth in this subpart, the Administrator approves the North Dakota plan for the attainment and maintenance of the national standards.

[39 FR 7283, Feb. 25, 1974]

§ 52.1823 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information in North Dakota's plan.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
	Primary	Secondary	Primary	Secondary			
Metropolitan Fargo-Moorhead Interstate	Feb. 1975	Feb. 1975	a	a	a	a	a
North Dakota Intrastate	do	Dec. 1975	a	a	a	a	a

a. Air quality levels presently below secondary standards.

[37 FR 10885, May 31, 1972, as amended at 40 FR 59438, Dec. 24, 1975]

§ 52.1824 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for the review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of North Dakota.

[39 FR 7283, Feb. 25, 1974]

§§ 52.1825—52.1826 [Reserved]

§ 52.1827 Maintenance of national standards.

(a) The areas listed below which are identified by the State of North Dakota are hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1875h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Cass Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Cass County.

(2) McLean-Mercer-Oliver Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, nitrogen dioxide, and photochemical oxidants.

(ii) Geographical composition of area:

McLean County, Mercer County, Oliver County.

[40 FR 23755, June 2, 1975]

§ 52.1828 [Reserved]

§ 52.1829 Prevention of significant deterioration of air quality.

(a) The North Dakota plan, as submitted, is approved as meeting the requirements of Part C, Title I, of the Clean Air Act, except that it does not apply to sources proposing to construct on Indian Reservations.

(b) *Regulation for preventing of significant deterioration of air quality.* The provisions of § 52.21 (b) through (v) are hereby incorporated by reference and made a part of the North Dakota State Implementation Plan and are applicable to proposed major stationary sources or major modifications to be located on Indian Reservations.

[44 FR 63103, Nov. 2, 1979. Correctly designated at 44 FR 75635, Dec. 21, 1979]

§ 52.1830 Compliance schedules.

(a) The compliance schedules for the sources listed below are approved as meeting the requirements of § 51.6 and § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

NORTH DAKOTA

Source	Location	Regulations involved	Date of adoption	Effective date	Final compliance date
Montana-Dakota Utility	Mandan	23 to 25	June 1, 1973	Immediately	June 1, 1975.
Do	Beulah	23 to 25	do	do	Sept. 30, 1975.
United Power	Stanton	23 to 25	do	do	Jan. 1, 1975.
Basin Electric	23 to 25	23 to 25	do	do	Dec. 1, 1974.
Do	Velva	23 to 25	Dec. 13, 1976	Dec. 13, 1976	Dec. 31, 1978.
Municipal Utility	Valley City	23 to 25	June 1, 1973	Immediately	July 1, 1975.
Northern States Power	Minot	23 to 25	do	do	Dec. 31, 1975.
Otter Tail Power	Jamestown	23 to 25	do	do	July 31, 1975.
Do	Whapeton	23 to 25	do	do	Do.
Minnkota Power	Center	23 to 25	do	do	Nov. 15, 1974.
Do	Grand Forks	23 to 25	do	do	Jan. 31, 1974.
Consolidated Coal	Velva	23 to 25	Dec. 21, 1973	do	Apr. 1, 1975.
Husky Ind	Dickinson	23 to 25	June 1, 1973	do	Feb. 1, 1975.
American Colloid	Gascoyne	23 to 25	do	do	July 1, 1973.
American Crystal, units 1 and 2	Drayton	23 to 25	do	do	Feb. 1, 1975.
State Hospital	Jamestown	23 to 25	do	do	Jan. 15, 1974.
Minot State College	Minot	23 to 25	do	do	Jan. 31, 1974.
University of North Dakota	Grand Forks	23 to 25	do	do	Dec. 30, 1976.
North Dakota State University	Fargo	23 to 25	do	do	Feb. 28, 1974.
Valley City, State College	Valley City	23 to 25	do	do	Aug. 31, 1974.
North Dakota State University	Bottineau	23 to 25	do	do	June 30, 1976.
North Dakota State School of Science.	Whapeton	23 to 25	do	do	Sept. 30, 1974.
San Haven Hospital:					
Units 1 and 2	San Haven	23 to 25	do	do	Oct. 1, 1974.
Incinerators	do	23 to 25	do	do	Sept. 15, 1975.
North Dakota School for Deaf	Devils Lake	23 to 25	do	do	Apr. 1, 1976.

[40 FR 59438, Dec. 24, 1975, as amended at 42 FR 37551, July 22, 1977]

Subpart KK—Ohio

§ 52.1870 Identification of plan.

(a) Title of plan: "Implementation Plan for the Control of Suspended Particulates, Sulfur Dioxide, Carbon Monoxide, Hydrocarbons, Nitrogen Dioxide, and Photochemical Oxidants in the State of Ohio."

(b) The plan was officially submitted on January 31, 1972.

(c) The revisions listed below were submitted on the dates specified.

(1) Request for extensions and a revision of monitoring network was submitted on March 20, 1972, by the Ohio Air Pollution Control Board.

(2) State provisions for making emissions data available to the public was outlined in a letter of May 8, 1972, by the Ohio Department of Health.

(3) On May 9, 1972, the State provided assurance that action is being taken in the Assembly to secure authority for controlling auto emissions.

(4) Amendments to air pollution regulations AP-3-11, 12, 13, 14, and AP-9-04 were forwarded on July 7, 1972, by the Governor.

(5) Revisions to AP-2-01, 02, 04, 05; AP-3-01, 08, 09, 13; AP-9-01, 02, 03 were submitted on August 4, 1972 by the Governor.

(6) New regulations AP-13-01 and 13-02 were submitted on October 12, 1972 by the Governor.

(7) Letter from the Director of the Ohio EPA was submitted on June 6, 1973, indicating that portions of AP-3-11, and AP-3-12 are for informational purposes only.

(8) The Governor of Ohio submitted on July 2, 1973, the "Implementation Plan to Achieve Ambient Air Quality Standard for Photochemical Oxidant in the Cincinnati Air Quality Control Region" and the "Implementation Plan to Achieve Ambient Air Quality Standard for Photochemical Oxidant in the Toledo Air Quality Control Region."

(9) The Governor of Ohio submitted on July 24, 1973, the "Implementation Plan to Achieve Ambient Air Quality Standards for Photochemical Oxi-

dants—Dayton Air Quality Control Region."

(10) On January 25, 1974, Ohio submitted a secondary particulate plan for three AQCR's in Ohio.

(11) On July 16, 1975, Ohio submitted regulations revising the attainment dates for particulate matter, nitrogen oxides, carbon monoxide, hydrocarbons and photochemical oxidants.

(12) The Governor of Ohio submitted on May 30, 1974 and August 10, 1976, revisions to the Ohio Implementation for the control of open burning.

(13) Consent and Abatement Order regarding Columbus and Southern Ohio Electric Company's Picway Units 3 and 4, submitted by Governor on October 17, 1975, supplemented on November 17, 1976 and June 1, 1977.

(14) On July 27, 1979 the State submitted its nonattainment area plan for specific areas designated as nonattainment for ozone and carbon monoxide in the March 3, 1978 and October 5, 1978 FEDERAL REGISTERS (43 FR 8962 and 43 FR 45993). The submittal contained Ohio's Part D nonattainment plans for the following ozone and carbon monoxide urban nonattainment areas: Akron, Canton, Cincinnati, Cleveland, Columbus, Dayton, Steubenville and Toledo. The submittal contained transportation control plans and demonstrations of attainment (for carbon monoxide and/or ozone) for each of the above mentioned urban nontattainment areas. Regulations for the control of volatile organic compound emissions were not included with this submittal but were submitted separately on September 13, 1979.

(15) On September 13, 1979, the State submitted regulations for the control of volatile organic compound and carbon monoxide emissions from stationary sources.

(16) On December 28, 1979, the State amended the attainment demonstration submitted on July 27, 1979 for the Cleveland Urban area. On November 24, 1980 and July 21, 1981, the State submitted additional information on the transportation control plans for the Cleveland Urban area.

(17) On January 8, 1980, the State amended the carbon monoxide attainment demonstration submitted on July 27, 1979 for the Steubenville urban area.

(18) On January 15, 1980, the State amended the attainment demonstrations submitted on July 27, 1979 for the urban areas of Cincinnati, Toledo and Dayton.

(19) On April 7, 1980 the State of Ohio committed to correct the deficiencies presented in the March 10, 1980 Notice of Proposed Rulemaking.

(20) On April 15, 24, 28, May 27, July 23 and August 6, 1980 the State submitted comments on, technical support for, and commitments to correct the deficiencies cited in the March 10, 1980 Notice of Proposed Rulemaking. In addition to this the May 27, 1980 letter also contained a commitment by the State to adopt and submit to USEPA by each subsequent January, reasonable available control technology requirements for sources covered by the control techniques guidelines published by USEPA the preceding January.

(21) On December 28, 1979 the State of Ohio submitted its Part D carbon monoxide and ozone nonattainment area plan for the Youngstown urban area. The submittal contained transportation control plans and demonstrations of attainment (for carbon monoxide and/cr ozone). On February 12, 1980 the State amended the ozone attainment demonstration submitted on December 28, 1979.

(22) On June 12, 1980 and August 6, 1980, the State submitted technical support and commitments to correct the deficiencies cited in the May 16, 1980 Notice of Proposed Rulemaking. On November 20, 1980 and July 21, 1981, the State submitted additional information on implementor commitments for the Youngstown Urban area.

(23) On May 8, 1979, Ohio submitted revisions to regulations 3745-25-01 through 3745-25-04 (previously codified as AP-11-01 through AP-11-04) containing emergency episode procedures.

(24) On July 25, 1980 the State of Ohio submitted its Part D revision to the New Source Review portion of the State Implementation Plan. On September 25, 1980 the State submitted a

response to the August 26, 1980 Federal Register notice of proposed rulemaking. The response contained information which corrects certain deficiencies and commits to correct by a specified date other deficiencies.

(25) The following information was submitted to USEPA regarding the Ohio Sulfur Dioxide Standards

(i) On February 12, 1980 the Director of the Ohio EPA submitted the Ohio Administrative Code (OAC) Rules 3745-18-01 to 3745-18-94, Sulfur Dioxide Standards adopted on November 14, 1979 effective December 28, 1979.

(ii) Ohio EPA sent technical support for the Ohio Sulfur Dioxide Standards on September 12, 1979, October 23, 1979, May 16, 1980, March 27, 1981, May 5, 1981, July 15, 1981 and September 24, 1981.

(iii) The following regulations were withdrawn by the Governor of Ohio on May 16, 1980; OAC Rules 3745-18-08(H), 3745-18-15(B), 3745-18-53(E), 3745-18-63(K), 3745-18-77(B) and 3745-18-90(C). These rules are applicable to the following plants:

Cairo Chemical Corporation in Allen County, Crystal Tissue Company in Butler County, U.S. Steel Corporation, Lorain—Cuyahoga Works in Lorain County, Bergstrom Paper Company in Montgomery County, Mead Corporation in Ross County and Shell Chemical Company in Washington, County.

(iv) The following regulations were withdrawn by the Governor of Ohio on December 19, 1980 only as it applies to the B.F. Goodrich Company, Avon Lake Chemical Plant in Lorain County; OAC 3745-18-53(A). These regulations are still applicable to other facilities in Lorain County.

(v) The following regulations were withdrawn by the Governor of Ohio on February 13, 1981; OAC Rules 3745-18-49(J) which is applicable to the Ohio Rubber Company in Lake County and 3745-18-80(D) which is applicable to the Union Carbide Corporation in Seneca County.

(vi) The Governor of Ohio submitted a revised OAC Rule 3745-18-80(D) which is applicable to the Union Carbide Corporation in Seneca County on April 30, 1981.

(26) On February 8, 1980, the State of Ohio submitted a revision to provide for modification of the existing air quality surveillance network.

(27) On February 18, and March 13, 1981, the Governor of Ohio submitted Rule 08 of Chapter 3745-17 of the Ohio Administrative Code for Middletown and the operating permits for the fugitive sources located at ARMCO's Middletown Works Plant.

(28) On October 21 and November 21, 1980 the State submitted comments on, technical support for, and commitments to correct the deficiencies cited in the March 10, 1980 Notice of Proposed Rulemaking.

(29) On September 17, 1980 the State of Ohio submitted a vehicle inspection and maintenance (I/M) program developed for the urbanized area of Cleveland and the Ohio portion of the Cincinnati metropolitan area. On December 5, 1980 the State submitted comments on, and commitments for correcting, the deficiencies cited in the November 7, 1980 Supplemental Notice of Proposed Rulemaking.

(30) On February 18, 1981, the State of Ohio committed itself to submit by December 31, 1981, the corrective materials for the Middletown, Ohio total suspended particulate plan.

(31) [Reserved]

(32) On July 27, 1979, the State of Ohio submitted materials to satisfy the general requirements of the Clean Air Act under sections 110(a)(2)(K); 126, 127, and 128. On January 30, 1981, the State of Ohio also submitted an amended substitute Senate Bill 258, which was enacted into law on December 19, 1980, amending Ohio Revised Code 3704.

(33) Revision to plan allowing Standard Oil Company of Ohio Toledo refinery variances from State Regulations 3745-21-09(M) (1) and (2) submitted April 10, 1981 by the State.

(34) Revision to plan allowing Standard Oil Company of Ohio Lima refinery variance from State Regulation 3745-21-09(M)(2) submitted April 10, 1981 by the State.

(35) On August 27, 1981, the State of Ohio submitted a variance for the Pipeline Working Tank at the ARCO Pipeline Refinery in Summit County, Ohio.

(36) [Reserved]

(37) On April 30, 1981 Ohio submitted revised TSP emission limits for the Owens-Corning Fiberglas plant in Newark, Ohio.

(38) The Governor of Ohio on June 15, 1981 submitted a revision to the ozone portion of the Ohio State Implementation Plan. This revision is for six coating lines located at the Speciality Materials Division of Fasson-Avery located in Lake County, Ohio.

(39) On August 27, 1981, the State of Ohio submitted a variance for the Pipeline Working Tank at the ARCO Pipeline Refinery in Lucas County, Ohio.

(40) On February 12, 1981, the State of Ohio submitted its Lead SIP Plan which contains a discussion of ambient monitoring results, an attainment demonstration and stationary and mobile source controls for lead.

(41) On April 10, 1981, the Governor of Ohio submitted revised requirements for Republic Steel Corporation's Youngstown Sinter Plant.

(42) On February 25, 1980, the State of Ohio submitted the revised Ohio Administrative Code (OAC) Rules 3745-35-01 through 3745-35-04 which set forth requirements for air permits to operate and variances. These rules were adopted on September 28, 1979 and became effective in Ohio on November 7, 1979.

(43) On February 12, 1981, the State of Ohio submitted adopted amended Ohio Administrative Code (OAC) Rules 3745-21-01, 04, 09 and 10, Emission Standards and Technology Requirements for Certain Sources of Volatile Organic Compounds Emissions. The following portions of these rules were withdrawn by the State of Ohio on March 27, 1981; OAC Rule 3745-21-04(C)(19)(a) and 3745-21-09(R)(3)(a). On January 8, 1982, the State of Ohio submitted additional materials pertaining to OAC Rules 3745-21-09 (H), (U) and (X).

(Secs. 110(a), 172, 319 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, and 7601(a), 7619))

[37 FR 10886, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1870, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: In § 52.1870, paragraph (c)(35) was added at 47 FR 20771, May 14, 1982, effective July 13, 1982; paragraph (c)(42) was added at 47 FR 25145, June 10, 1982, effective July 12, 1982; and paragraph (c)(43) was added at 47 FR 28098, June 29, 1982, effective July 29, 1982.

§ 52.1871 Classification of regions.

The Ohio plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Greater Metropolitan Cleveland Intrastate	I	I	III	III	I
Huntington (West Virginia)-Ashland (Kentucky)-Portsmouth-Ironton (Ohio) Interstate	I	III	III	III	III
Mansfield-Marion Intrastate	II	II	III	III	III
Metropolitan Cincinnati Interstate	I	II	III	III	I
Metropolitan Columbus Intrastate	I	III	III	III	I
Metropolitan Dayton Intrastate	I	II	III	III	I
Metropolitan Toledo Interstate	I	I	III	III	I
Northwest Ohio Intrastate	II	I	III	III	III
Northwest Pennsylvania-Youngstown Interstate	I	II	III	III	III
Parkersburg (West Virginia)-Marietta (Ohio) Interstate	I	II	III	III	III
Sandusky Intrastate	III	III	III	III	III
Steubenville-Weirton-Wheeling Interstate	I	I	III	III	III
Wilmington-Chillicothe-Logan Intrastate	III	III	III	III	III
Zanesville-Cambridge Intrastate	II	IA	III	III	III

(Secs. 110(a), 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, and 7601(a)))

[37 FR 10886, May 31, 1972, as amended at 39 FR 16347, May 8, 1974; 45 FR 72146, Oct. 31, 1980]

§ 52.1872 Extensions.

(a) The Administrator hereby extends for 18 months the statutory timetable for submission of Ohio's plan for attainment and maintenance of the secondary standards for particulate matter in the Greater Metropolitan Cleveland Intrastate and in the Ohio portion of the Steubenville-Weirton-Wheeling and Northwest Pennsylvania-Youngstown Interstate Regions.

[37 FR 10886, May 31, 1972, as amended at 38 FR 7328, Mar. 20, 1973]

§ 52.1873 Approval Status.

With the exceptions set forth in this subpart the Administrator approves Ohio's plan for the attainment and maintenance of the National Ambient Air Quality Standards under Section 110 of the Clean Air Act. Furthermore, the Administrator finds the plan satisfies all the requirements of Part D, Title 1 of the Clean Air Act as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by January 1, 1981 for the sources covered by CTGs between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(Secs. 110(a), 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, and 7601(a)))

[45 FR 72146, Oct. 31, 1980, as amended at 47 FR 28099, June 29, 1982]

EFFECTIVE DATE NOTE: At 47 FR 28099, June 29, 1982, effective July 29, 1982, § 52.1873 was amended by removing the date "July 1, 1980" and inserting in its place the date "January 1, 1981"..

§ 52.1874 [Reserved]

§ 52.1875 Attainment Dates for National Standards.

(a) The following table presents the latest date by which the national standards are to be attained. These dates reflect the information presented in Ohio's plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Greater Metropolitan Cleveland Interstate (AQCR 174):							
a. Primary/Secondary Nonattainment Areas	h	h	f	f	b	e	c
b. Remainder of AQCR	b	b	b	b	b	b	b
Huntington (West Virginia)—Ashland (Kentucky)—Portsmouth-Ironton (Ohio) Intrastate (AQCR 103):							
a. Primary/Secondary Nonattainment Areas	h	h	f	f	b	b	d
b. Remainder of AQCR	b	b	b	b	b	b	b
Mansfield-Marion-Intrastate (AQCR 175):							
a. Primary/Secondary Nonattainment Areas	h	h	f	f	b	b	d
b. Remainder of AQCR	b	b	b	b	b	b	b
Metropolitan Cincinnati Interstate (AQCR 079):							
a. Primary/Secondary Nonattainment Areas	j	h	f	f	b	i	i
b. Remainder of AQCR	b	b	b	b	b	b	b
Metropolitan Columbus Intrastate (AQCR 176):							
a. Primary/Secondary Nonattainment Areas	h	h	f	f	b	d	d
b. Remainder of AQCR	b	b	b	b	b	b	b
Metropolitan Dayton Intrastate (AQCR 173):							
a. Primary/Secondary Nonattainment Areas	h	h	f	f	b	d	d
b. Remainder of AQCR	b	b	b	b	b	b	b

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Metropolitan Toledo Interstate (AQCR 124):							
a. Primary/Secondary Nonattainment Areas	h	h	*f*	*f*	b	g	d
b. Remainder of AQCR	b	b	b	b	b	b	b
Northwest Ohio Interstate (AQCR 177):							
a. Primary/Secondary Nonattainment Areas	h	h	*f*	*f*	b	b	d
b. Remainder of AQCR	b	b	b	b	b	b	b
Northwest Pennsylvania Youngstown Interstate (AQCR 178):							
a. Primary/Secondary Nonattainment Areas	h	h	*f*	*f*	b	b	d
b. Remainder of AQCR	b	b	b	b	b	b	b
Parkersburg (West Virginia)-Marietta (Ohio) Interstate:							
a. Primary/Secondary Nonattainment Areas	h	h	*f*	*f*	b	b	b
b. Remainder of AQCR	b	b	b	b	b	b	b
Sandusky Intrastate (AQCR 180):							
a. Primary/Secondary Nonattainment Areas	h	h	*f*	*f*	b	b	d
b. Remainder of AQCR	b	b	b	b	b	b	b
Steubenville-Wierton-Wheeling Interstate (AQCR 181):							
a. Primary/Secondary Nonattainment Areas	h	h	*f*	*f*	b	d	d
b. Remainder of AQCR	b	b	b	b	b	b	b
Wilmington-Chillicothe-Logan Intrastate (AQCR 182):							
a. Primary/Secondary Nonattainment Areas	h	h	b	b	b	b	d
b. Remainder of AQCR	b	b	b	b	b	b	b
Zanesville-Cambridge Intrastate (AQCR 183):							
a. Primary/Secondary Nonattainment Areas	h	h	*f*	*f*	b	b	d
b. Remainder of AQCR	b	b	b	b	b	b	b.

NOTE 1: Sources subject to the plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with these requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.1875 published July 1, 1979.

NOTE 2: For actual nonattainment designations refer to 40 CFR Part 81.

NOTE 3: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

a. Air quality levels presently below primary standards or is unclassifiable.

b. Air quality levels presently below secondary standards or is unclassifiable.

c. For Stark, and Portage Counties attainment is to be achieved by December 31, 1982. For the remaining counties attainment is to be achieved by December 31, 1987.

d. December 31, 1982.

e. For Cuyahoga County the attainment date is to be achieved by December 31, 1987.

f. August 27, 1979, except for the companies listed in (1) Youngstown Sheet & Tube Co.; PPG Industries, Inc.; Wheeling-Pittsburgh Steel Corp.; Pittsburgh-Canfield Corporation; The Timken Company; The Sun Oil Company; Sheller-Globe Corp.; the B. F. Goodrich Company; Phillips Petroleum Co.; Shell Oil Co.; Federal Paper Board Co.; The Firestone Tire & Rubber Co.; Republic Steel Corp.; Chase Bag Co.; White-Westinghouse Corp., U.S. Steel Corp., Interlake, Inc.; Austin Powder Co.; Diamond Crystal Salt Co.; The Goodyear Tire & Rubber Co.; The Gulf Oil Co.; The Standard Oil Co.; Champion International Corp.; Koppers Co., Inc.; General Motors Corp.; E. I. du Pont de Nemours and Co.; Coulton Chemical Corp.; Allied Chemical Corp.; Specialty Chemicals Division; The Hoover Co.; Aluminum Co. of America; Ohio Greenhouse Assoc.; Armco Steel Corp.; Buckeye Power, Inc.; Cincinnati Gas and Electric; Cleveland Electric Illuminating Light Co.; Columbus and Southern Ohio Electric; Dayton Power and Light Co.; Duquesne Light Co.; Ohio Edison Co.; Ohio Electric Co.; Ohio Power Co.; Pennsylvania Power Co., Toledo Edison Co. (2) In Summit County: Diamond Crystal Salt; Firestone Tire & Rubber Co.; General Tire & Rubber; B. F. Goodrich Co.; Goodyear Aerospace Corp., Goodyear Tire & Rubber Co.; Ohio Edison Co.; RCA Rubber Co.; Chrysler Corp., PPG Industries, Inc.; Seiberling Tire & Rubber; Terex Division of General Motors Corp.; Midwest Rubber Reclaiming; Kittinger Supply Co.(3) which are subject to an attainment date of June 19, 1983, and the Portsmouth Gaseous Diffusion Plant in Pike County which is subject to an attainment date of (3 years from the effective date of promulgation).

g. Attainment date will be specified in the future.

h. April 15, 1977.

i. December 31, 1987.

j. For the primary nonattainment area of Middletown, Ohio, located in Butler County, Ohio, attainment of the primary standard is to be achieved by December 31, 1982. For all other nonattainment areas within this AQCR the previously specified attainment date of April 15, 1977 is still applicable.

(1) Youngstown Sheet & Tube Co.; PPG Industries, Inc.; Wheeling-Pittsburgh Steel Corp.; Pittsburgh-Canfield Corporation; The Timken Company; The Sun Oil Co.; Sheller-Globe Corp.; The B.F. Goodrich Company; Phillips Petroleum Co.; Shell Oil Co.; Federal Paper Board Co.; The Firestone Tire & Rubber Co.; Republic Steel Corp.; Chase Bag Co.; White-Westinghouse Corp.; U.S. Steel Corp.; Interlake, Inc.; Austin Power Co.; Diamond Crystal Salt Co.; The Goodyear Tire & Rubber Co.; The Gulf Oil Co.; The Standard Oil Co.; Champion International Corp.; Koppers Co., Inc.; General Motors Corp.; E.I. duPont de Nemours and Co.; Coulton Chemical Corp.; Allied Chemical Corp.; Specialty Chemicals Division; The Hoover Co.; Aluminum Co. of America; Ohio Greenhouse Asso.; Armco Steel Corp.; Buckeye Power, Inc.; Cincinnati Gas and Electric; Cleveland Electric Illuminating Co.; Columbus and Southern Ohio Electric; Dayton Power and Light Co.; Duquesne Light Co.; Ohio Edison Co.; Ohio Electric Co.; Pennsylvania Power Co.; Toledo Edison Co.; Ohio Edison Co.; RCA Rubber Co.

(2) In Summit County: Diamond Crystal Salt; Firestone Tire & Rubber Co.; General Tire & Rubber; B.F. Goodrich Co.; Goodyear Aerospace Corp.; Goodyear Tire & Rubber Co.; Chrysler Corp.; PPG Industries Inc.; Seiberling Tire & Rubber; Terex Division of General Motors Corp.; Midwest Rubber Reclaiming; Kittinger Supply Co.

(Sec. 110 of the Clean Air Act, as amended (42 U.S.C. 7410))

[46 FR 31884, June 18, 1981, as amended at 46 FR 43423, Aug. 28, 1981; 46 FR 49124, Oct. 6, 1981; 47 FR 27071, June 23, 1982]

§ 52.1876 [Reserved]

§ 52.1877 Control strategy: Photochemical oxidants (hydrocarbons).

(a) The requirements of § 51.14 of this chapter are not met because the Ohio plan does not provide for the attainment and maintenance of the national standard for photochemical oxidants (hydrocarbons) in the Metropolitan Cincinnati interstate region by May 31, 1975.

[38 FR 30974, Nov. 8, 1973, as amended at 39 FR 13542, Apr. 15, 1974]

§ 52.1878 Inspection and maintenance program.

(a) Definitions:

(1) "Inspection and maintenance program" means a program to reduce emissions from in-use vehicles through identifying vehicles that need emission control related maintenance and requiring that such maintenance be performed.

(2) All other terms used in this section that are defined in 40 CFR Part 51, Appendix N are used herein with the meanings so defined.

(b) This section is applicable in Hamilton County, Ohio (including the City of Cincinnati).

(c) The County of Hamilton and the City of Cincinnati shall establish an inspection and maintenance program applicable to all light-duty motor vehicles owned and operated within their respective geographic jurisdictions on streets, roads, and highways over which they have ownership or control.

(d) Not later than April 1, 1974, the County of Hamilton and the City of Cincinnati shall submit to the Administrator, for his approval, legally adopted regulations establishing the inspection/maintenance program required by paragraph (c) of this section. The regulations shall include:

(1) (i) Provisions requiring inspection of all light-duty motor vehicles owned and operated within their respective geographic jurisdictions on streets, roads, and highways over which they have ownership and control (jointly or individually) at periodic intervals no more than 1 year apart by means of an idle test.

(ii) The State may exempt any class or category of vehicles that the State finds are rarely used on public streets and highways (such as classic or antique vehicles).

(2) Provisions for inspection failure criteria consistent with an initial failure rate of at least 30 percent of the vehicles tested before maintenance.

(3) Provisions ensuring that failed vehicles receive within 2 weeks the maintenance necessary to achieve compliance with the inspection standards. These shall, at a minimum,

impose sanctions against individual owners and repair facilities, require retest of failed vehicles following maintenance, establish a certification program to ensure that repair facilities performing the required maintenance have the necessary equipment, parts, and knowledgeable operators to perform the tests satisfactorily, and provide for such other measures as necessary or appropriate.

(4) Provisions prohibiting vehicles from being intentionally readjusted or modified subsequent to the inspection and/or maintenance in such a way as would cause them to no longer comply with the inspection standards. These might include authorization of spot checks of idle adjustments and/or requiring a suitable type of physical tagging of vehicles. These provisions shall include appropriate penalties for violation.

(5) Designation of an agency or agencies responsible for conducting, overseeing, enforcing the inspection and maintenance program. Private parties may be designated to conduct parts of the program to certify compliance.

(6) Provisions ensuring that, with regard to the first inspection, the inspection and maintenance necessary to achieve compliance with the applicable emission standards referred to in paragraph (d)(2) of this section be completed by May 31, 1975, for at least five-twelfths (5/12) of the vehicles subject to the inspection system.

(e) After December 31, 1975, no program in the County of Hamilton, the City of Cincinnati, the State of Ohio shall allow the registration of title, or allow the operation on streets, roads, or highways under its control of any light-duty, spark-ignition-powered motor vehicle subject to the inspection program(s) established pursuant to this section that does not comply with the applicable standards and procedures, as defined in paragraph (d)(2) of this section. This shall not apply to the initial registration of new vehicles.

(f) After December 31, 1975, no person shall operate or allow the operation of a light-duty motor vehicle subject to the inspection program(s) established pursuant to this section that does not comply with the applicable standards and procedures, as defined in paragraph (d)(2) of this section. This shall not apply to the initial registration of new vehicles.

(g) No later than February 1, 1974, the County of Hamilton and the City of Cincinnati shall submit to the Administrator, for his approval, a detailed compliance schedule showing the steps they will take to establish, operate, and enforce the inspection/maintenance program required by paragraph (c) of this section including:

(1) A description of the legal authority for establishing and enforcing the inspection/maintenance program, including the text of proposed or adopted legislation and regulations.

(2) Specific dates (day, month, and year) by which various steps to implement the inspection/maintenance system will be completed, such steps to include, at a minimum, the following: Submitting final plans and specifications for the system to the Administrator for his approval, ordering necessary equipment, commencement of onsite construction and/or installation, completion of onsite construction and/or installation and system operation (this last date to be no later than January 1, 1975).

(3) An identification of the sources and amounts of funds necessary to implement the system, together with written assurances from the chief executive officers of the city and county that they will seek any necessary funding from the appropriate legislative bodies.

(4) Other necessary provisions to carry out the program.

(h) Part D—Conditional Approval—The Ohio vehicle inspection and maintenance program for the urbanized area of Cleveland and the Ohio portion of the Cincinnati metropolitan area is approved provided that the following conditions are met by January 8, 1982:

(1) An identification of the staff and financial resources necessary to carry out and enforce the vehicle inspection and maintenance (I/M) program and a more specific commitment to obtain those resources.

(2) Detailed schedule which contains dates for all the milestones specified

in July 17, 1978 I/M policy memorandum.

(3) Detailed programmatic information relating to the specific geographic coverage of the program, enforcement mechanisms and procedures to be used, those vehicle categories to be included in the inspection program, and other factors which aid in determining the effectiveness of an I/M program.

[38 FR 30974, Nov. 8, 1973, as amended at 46 FR 31885, June 18, 1981; 46 FR 55108, Nov. 6, 1981]

§ 52.1879 Review of new sources and modifications.

(a)-(b) [Reserved]

(c) The requirements of § 51.18(h) of this chapter are not met because the State failed to submit procedures providing for public comment on review of new or modified stationary sources.

(d) Regulation providing for public comment. (1) For purposes of this paragraph, "Director" shall mean the "Director of the Ohio Environmental Protection Agency".

(2) Prior to approval or disapproval of the construction or modification of a stationary source, the Director shall:

(i) Make a preliminary determination whether construction or modification of the stationary source should be approved, approved with conditions or disapproved;

(ii) Make available in at least one location in the region in which the proposed stationary source would be constructed or modified, a copy of all materials submitted by the owner or operator, a copy of the Director's preliminary determination, and a copy or summary of other materials, if any, considered by the Director in making his preliminary determination; and

(iii) Notify the public, by prominent advertisement in a newspaper of general circulation in the region in which the proposed stationary source would be constructed or modified, of the opportunity for public comment on the information submitted by the owner or operator and the Director's preliminary determination on the approvability of the new or modified stationary source.

(3) A copy of the notice required pursuant to this paragraph shall be sent to the Administrator through the appropriate regional office and to all other State and local air pollution control agencies having jurisdiction within the region where the stationary source will be constructed or modified.

(4) Public comments submitted in writing within 30 days of the date such information is made available shall be considered by the Director in making his final decision on the application.

(e) Part D—Conditional Approval—The Ohio New Source Review State Implementation Plan revision for designated nonattainment areas is approved provided that:

The State submits by October 1, 1981, revised regulations which have completed State rulemaking procedures and which refine the criteria used by the Director to issue new source permits under section 173 of the Clean Air Act, and (2) each permit issued by the State satisfies the requirements of sections 173 and 172(b)(11) of the Act.

(Secs. 110(a), 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, 7601(a))

[39 FR 13542, Apr. 15, 1974, as amended at 45 FR 72122, Oct. 31, 1980; 45 FR 82927, Dec. 17, 1980]

§ 52.1880 Control strategy: Particulate matter.

(a) The requirements of § 51.13 of this chapter are not met because the Ohio plan does not provide for attainment and maintenance of the secondary standards for particulate matter in the Greater Metropolitan Cleveland Intrastate Region and the Ohio portions of the Northwest Pennsylvania-Youngstown and the Steubenville-Weirton-Wheeling Interstate Regions.

(b) In Pickaway County, Columbus and Southern Ohio Electric Company, or any subsequent owner or operator of the Picway Generating Station, shall not operate simultaneously Units 3 and 4 (boilers 7 and 8) at any time. These units will terminate operation no later than October 1, 1980.

(c) Ohio Regulation EP-12 (open burning) is disapproved insofar as EP-12-03(D)(1) and EP-12-04(D)(1) allow open burning of hazardous or toxic materials.

(d) Part D—Conditional Approval—The following portions of the Ohio Plan are approved provided that the following conditions are satisfied:

(1) For the Middletown, Ohio primary nonattainment area, Rule 08 of Chapter 3745-17 of the Ohio Administrative Code provided the State submits by December 31, 1981 the individual enforceable control programs required by Rule 08 for each of the fugitive emission sources, located in the primary nonattainment area.

(Secs. 110(a) and 172 of the Clean Air Act as amended (42 U.S.C. 7410(a)))

[39 FR 13542, Apr. 15, 1974, as amended at 43 FR 4259, Feb. 1, 1978; 43 FR 4611, Feb. 3, 1978; 43 FR 16736, Apr. 20, 1978; 46 FR 19472, Mar. 31, 1981; 46 FR 43423, Aug. 28, 1981]

§ 52.1881 Control strategy: Sulfur oxides (sulfur dioxide).

(a) USEPA is approving the portions of the Ohio sulfur dioxide control plan listed in paragraphs (a) (1), (2), (3) and (4) of this section; disapproving the portions listed in paragraphs (a) (5) and (7) of this section; and is neither approving nor disapproving the emission limitations listed in paragraphs (a) (6) and (8) of this section pending further review. The disapproved portions of the Ohio plan do not meet the requirements of § 51.13 of this chapter in that they do not provide for attainment and maintenance of the national standards for sulfur oxides (sulfur dioxide). (Where USEPA has approved the State's sulfur dioxide plan, those regulations supersede the federal sulfur dioxide plan contained in paragraph (b) of this section and § 52.1882.)

(1) Approval—USEPA approves the following OAC Rule: 3745-18-01 Definitions, 3745-18-02 Ambient Air Quality Standards-Sulfur Dioxide, 3745-18-05 Ambient and Meteorological Monitoring Requirements, 3745-18-06 General Emission Limit Provisions.

(2) Approval—USEPA approves the Ohio Rules 3745-18-03 Attainment Dates and Compliance Time Schedules except for those provisions listed in § 52.1881(a)(5).

(3) Approval-USEPA approves the Ohio Rules 3745-18-04 Emission Measurement Methods except for those provisions listed in § 52.1881(a)(6).

(4) Approval—USEPA approves the sulfur dioxide emission limits for the following counties:

Adams County (except Dayton Power & Light—Stuart), Allen County (except Cairo Chemical), Ashland County, Ashtabula County, Athens County, Auglaize County, Belmont County, Brown County, Carroll County, Champaign County, Clark County, Clermont County, (except Cincinnati Gas & Electric—Beckjord), Clinton County, Columbiana County, Coshocton County (except Columbus & Southern Ohio Electric—Conesville), Crawford County, Darke County, Defiance County, Delaware County, Erie County, Fairfield County, Fayette County, Fulton County, Gallia County, (except Ohio Valley Electric Company—Kyger Creek and Ohio Power—Gavin), Geauga County, Greene County, Guernsey County, Hamilton County, Hancock County, Hardin County, Harrison County, Henry County, Highland County, Hocking County, Holmes County, Huron County, Jackson County, Jefferson County, Knox County, Lake County (except Ohio Rubber, Cleveland Electric Illuminating Company—Eastlake, and Painesville Municipal Boiler #5), Lawrence County (except Allied Chemical—South Point), Licking County, Logan County, Lorain County (except Ohio Edison—Edgewater, Cleveland Electric Illuminating—Avon Lake, U.S. Steel--Lorain, and B.F. Goodrich), Lucas County (except Gulf Oil Company, Coulton Chemical Company, Phillips Chemical Company and Sun Oil Company), Madison County, Marion County, Medina County, Meigs County, Mercer County, Miami County, Monroe County, Morgan County (except Ohio Power—Muskingum River), Montgomery County (except Bergstrom Paper and Miami Paper), and Bergstrom Paper), Morrow County, Muskingum County, Noble County, Ottawa County, Paulding County, Perry County, Pickaway County, Pike County (except Portsmouth Gaseous Diffusion Plant), Portage County, Preble County, Putnam County, Richland County, Ross County (except Mead Corporation), Sandusky County (except Martin Marietta Chemicals), Scioto County, Seneca County, Shelby County, Trumbull County, Tuscarawas County, Union County, Van Wert County, Vinton County, Warren County, Washington County (except Shell Chemical and Ohio Power—Muskingum River), Wayne County, Williams County, Wood County (except Libbey-Owens-Ford Plants Nos. 4 and 8 and No. 6), and Wyandot County.

(5) Disapproval—USEPA disapproves the Ohio Rule 3745-18-03(A), Attain-

ment Dates and also disapproves Ohio Rule 3745-18-03(C)(3) Compliance Time Schedules for all sources electing to comply with the regulations by utilizing complying fuels.

(6) No Action—USEPA is neither approving nor disapproving the following Ohio Rule pending further review: 3745-18-04(D)(2), 3745-18-04(D)(3), 3745-18-04(E)(2), 3745-18-04(E)(3) and, 3745-18-04(E)(4) Emission Measurement Methods.

(7) Disapproval—USEPA disapproves Ohio Rule 3745-18-83, Emission Limitations for Summit County.

(8) No Action—USEPA is neither approving nor disapproving the emission limitations for the following counties on sources pending further review:

Adams County (Dayton Power & Light—Stuart), Allen County (Cairo Chemical), Butler County, Clermont County (Cincinnati Gas & Electric—Beckjord), Coshocton County (Columbus & Southern Ohio Electric—Conesville), Cuyahoga County, Franklin County, Gallia County (Ohio Valley Electric Company—Kyger Creek, and Ohio Power—Gavin), Lake County (Ohio Rubber, Cleveland Electric Illuminating Company—Eastlake, and Painesville Municipal—Boiler #5), Lawrence County (Allied Chemical—South Point), Lorain County (Ohio Edison—Edgewater Plant, Cleveland Electric Illuminating Avon Lake, U.S. Steel—Lorain, and B.F. Goodrich) Lucas County (Gulf Oil Company, Coulton Chemical Company, Phillips Chemical Company and Sun Oil Company), Mahoning County, Montgomery County (Bergstrom Paper and Miami Paper), and Bergstrom Paper), Morgan County (Ohio Power—Muskingum River), Pike County (Portsmouth Gaseous Diffusion Plant), Stark County, Washington County (Shell Chemical Company and Ohio Power—Muskingum River), and Wood County (Libbey-Owens-Ford Plants Nos. 4 and 8 and No. 6).

(b) Regulations for the control of sulfur dioxide in the State of Ohio.

(1) *Definitions.* All terms used in this paragraph but not specifically defined below shall have the meaning given them in the Clean Air Act or Parts 51, 52, or 60 of this chapter.

(i) "By-product coke oven gas" means the gas produced during the production of metallurgical coke in slot-type, by-product coke batteries.

(ii) "Flue gas desulfurization" means any pollution control process which treats stationary source combustion flue gas to remove sulfur oxides.

(iii) "Fossil fuel" means natural gas, refinery fuel gas, coke oven gas, petroleum, coal and any form of solid, liquid, or gaseous fuel derived from such materials.

(iv) "Fossil fuel-fired steam generating unit" means a furnace or boiler used in the process of burning fossil fuel for the purpose of producing steam by heat transfer.

(v) "Heat input" means the total gross calorific value (where gross calorific value is measured by ASTM Method D2015-66, D240-64, or D1826-64) of all fossil and non-fossil fuels burned. Where two or more fossil fuel-fired steam generating units are vented to the same stack the heat input shall be the aggregate of all units vented to the stack.

(vi) "Owner or operator" means any person who owns, leases, operates, controls, or supervises a facility, building, structure, or installation which directly or indirectly results or may result in emissions of any air pollutant for which a national standard is in effect.

(vii) "Primary zinc smelter" means any installation engaged in the production, or any intermediate process in the production, of zinc or zinc oxide from the zinc sulfide ore concentrates through the use of pyrometallurgical techniques.

(viii) "Process" means any source operation including any equipment, devices, or contrivances and all appurtenances thereto, for changing any material whatever or for storage or handling of any materials, the use of which may cause the discharge of an air contaminant into the open air, but not including that equipment defined as fossil fuel fired steam generating units in these regulations. Duplicate or similar parallel operations within a structure, building, or shop shall be considered as a single process for purposes of this regulation.

(ix) "Process weight" means the total weight of all materials and solid fuels introduced into any specific process. Liquid and gaseous fuels and combustion air will not be considered as part of the process weight unless they become part of the product. For a cyclical or batch operation, the process weight per hour will be derived by dividing the total process weight by the number of hours from the beginning of any given process to the completion thereof, excluding any time during which the equipment is idle. For a continuous operation, the process weight per hour will be derived by dividing the process weight for the number of hours in a given period of time by the number of hours in that period. For fluid catalytic cracking units, process weight shall mean the total weight of material introduced as fresh feed to the cracking unit. For sulfuric acid production units, the nitrogen in the air feed shall not be included in the calculation of process weight.

(x) "Run" means the net period of time during which an emission sample is collected. Unless otherwise specified, a run may be either intermittent or continuous within the limits of good engineering practice as determined by the Administrator.

(xi) "Source operation" means the last operation preceding the emission of an air contaminant, which operation (*a*) results in the separation of the air contaminant from process materials or in the conversion of the process materials into air contaminants, as in the case of combustion of fuel; and (*b*) is not primarily an air pollution abatement operation.

(xii) "Stack" means any chimney, flue, vent, roof monitor, conduit or duct arranged to vent emissions to the ambient air.

(xiii) "Sulfur recovery plant" means any plant that recovers elemental sulfur from any gas stream.

(xiv) "Sulfuric acid production unit" means any facility producing sulfuric acid by the contact process by burning elemental sulfur, alkylation acid, hydrogen sulfide, organic sulfides and mercaptans, or acid sludge.

(xv) "Total rated capacity" means the sum of the rated capacities of all fuel-burning equipment connected to a common stack. The rated capacity shall be the maximum guaranteed by the equipment manufacturer or the maximum normally achieved during use as determined by the Administrator, whichever is greater.

(2) *Test Methods and Procedures.* Unless specified below, the test methods and procedures used for determining compliance with the applicable paragraphs of § 52.1881(b) shall be those prescribed in Part 60 of this chapter. Compliance tests shall be conducted under such conditions as the Administrator shall specify based on representative performance of the affected facility. Notification and recordkeeping procedures shall be those prescribed in § 60.7 of this chapter. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. A compliance test shall consist of at least three runs.

(i) The test methods and procedures used for determining compliance for any sulfur recovery plant subject to applicable paragraph, of § 52.1881(b) shall be those prescribed in § 60.46 of this chapter with the exception that the maximum amount of sulfur dioxide sampled by Method 6 shall not exceed 50 percent of the stoichiometric amount of hydrogen peroxide absorbent.

(ii) The test methods and procedures used for determining compliance for any sulfuric acid production unit, or any primary zinc smelter subject to the applicable paragraphs of § 52.1881(b) shall be those prescribed in § 60.85 of this chapter.

(iii) The test methods and procedure used to determine the compliance of any stack venting any fossil fuel-fired steam generating units subject to the applicable paragraphs of § 52.1881(b) shall be those prescribed in § 60.46 of this chapter.

(3) *Severability.* If any provision of these regulations or the application thereof to any person or circumstances is held to be invalid, such invalidity shall not affect other provisions or application of any other part of these regulations which can be given effect without the invalid provisions or application, and to this end the provisions of these regulations and the various applications thereof are declared to be severable.

(4) *Submission of Information.* The submission of any information required under § 52.1882 shall be made to the Director, Enforcement Division, U.S. Environmental Protection Agency, Region V, 230 South Dear-

born, Chicago, Illinois, 60604, Attention Air Compliance Section.

(5) For purposes of this regulation, stack and boiler identification numbers used in this paragraph were derived from correspondence submitted to the U.S. EPA by the affected owners or operators, and may be found in the record supporting this rulemaking.

(6) This paragraph contains no applicable provisions in the following counties of Ohio: Ashland, Brown, Carroll, Champaign, Clinton, Darke, Defiance, Fayette, Fulton, Geauga, Guernsey, Hardin, Harrison, Highland, Hocking, Holmes, Jackson, Knox, Logan, Madison, Monroe, Morrow, Noble, Perry, Portage, Preble, Putnam, Shelby, Union, Van Wert, Warren, Williams, and Wyandot, nor does it apply to facilities equal to or less than 10 million BTU per hour total aggregate rated capacity of all units at a facility.

(7)-(10) [Reserved]

(11) In Adams County:

(i) The Dayton Power and Light Company or any subsequent owner or operator of the Stuart Power Plant in Adams County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Stuart Plant in excess of 3.16 pounds of sulfur dioxide per million BTU actual heat input.

(ii) In lieu of meeting paragraph (b)(11)(i) of this section, the Dayton Power and Light Company may elect, in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy the following equation:

(A) $0.0791\,(EL_1+EL_2+EL_3+EL_4)\,3 \leq 1$

where EL_i is the emission limitation (pounds per million BTU) per stack i and i is the stack number. For purposes of this regulation, each stack is identified as follows:

Stack No.	Boiler identification
1	1
2	2
3	3
4	4

(12) In Allen County:

(i) The Ford Motor Company or any subsequent owner or operator of the Ford Motor Company facilities at Allen County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 3.40 pounds of sulfur dioxide per million BTU actual heat input.

(ii) The present or any subsequent owner or operator of the Lima State Hospital at Allen County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 5.39 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The Vistron Corporation or any subsequent owner or operator of the Vistron Corporation facilities at Allen County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 1.27 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The Standard Oil Company or any subsequent owner or operator of the Standard Oil Company facilities at Allen County, Ohio shall not cause or permit the emission of sulfur dioxide in excess of the rates specified below:

(A) 0.92 pounds of sulfur dioxide per 1000 pounds of total feed at the stack common to the Fluid Catalytic Cracker and the Carbon Monoxide Boiler. The total feed is the charging stock to the catalytic cracking unit.

(B) 1.00 pounds of sulfur dioxide per million BTU actual heat input at the following:

(*1*) ISO Stabilizer and Split Heaters (OEPA B002).

(*2*) Crude II Heater (OEPA B004).

(*3*) Detailer (OEPA B005).

(*4*) Crude I Heater (OEPA B010).

(*5*) Coke Furnace (OEPA B011).

(*6*) Vac I Heater (OEPA B012).

(*7*) MEK Dewaxing Sec Heater (OEPA B013).

(*8*) Furfural Ert Sec Heater (OEPA B014).

(*9*) BH Boilers (OEPA B020).

(C) 100 pounds of sulfur dioxide per 1000 pounds of sulfur processed at the Claus Unit.

(D) 11.00 pounds of sulfur dioxide per ton of production at the Trolumen unit.

(E) 0.15 pound of sulfur dioxide per million BTU for all other boilers and process heaters.

(v) The Clark Equipment Co. or any subsequent owner or operator of the Clark Equipment Co. facilities at Allen County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 2.54 pounds of sulfur dioxide per million BTU actual heat input.

(A) 100 pounds of sulfur dioxide per 1000 pounds of sulfur processed at the Claus unit.

(B) 0.30 pounds of sulfur dioxide per 1000 pounds of petroleum products at the Fluid Catalytic Cracker/Carbon Monoxide Boiler.

(C) 11.00 pounds of sulfur dioxide per ton of production at the Trolumen unit.

(D) 0.71 pounds of sulfur dioxide per million BTU actual heat input at the Iso Stabilizer and Split Heaters—B002.

(E) 0.21 pounds of sulfur dioxide per million BTU actual heat input at the Vac I Heater—B012.

(F) 0.13 pounds of sulfur dioxide per million BTU actual heat input from all remaining process heaters and fossil fuel-fired steam generators.

(13) In Ashtabula County:

(i) The Cleveland Electric Illumination Company or any subsequent owner or operator of the Ashtabula Power Plant in Ashtabula County, Ohio shall not cause or permit the emission of sulfur dioxide from any of the stacks 1, 2, and 3 at the Ashtabula Plant in excess of 2.40 pounds of sulfur dioxide per million BTU actual heat input. Emissions of sulfur dioxide from stack 4 at the Ashtabula Plant shall not exceed 9.10 pounds of sulfur dioxide per million BTU actual heat input. Emissions of sulfur dioxide from stack 5 at the Ashtabula plant shall not exceed 8.20 pounds of sulfur dioxide per million BTU actual heat input.

(ii) The RMI Corporation, or any subsequent owner or operator of the RMI Corporation metal reduction plant in Ashtabula County, Ohio shall not cause or permit emissions of sulfur dioxide in excess of 4.80 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The RMI Corporation, or any subsequent owner or operator of the RMI Corporation sodium plant at Ashtabula County, Ohio shall not cause or permit the emissions of sulfur dioxide in excess of 2.70 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The General Tire and Rubber Company, or any subsequent owner or operator of the General Tire and Rubber Company Plant at Ashtabula County, Ohio shall not cause or permit the emissions of sulfur dioxide in excess of 1.30 pounds of sulfur dioxide per million BTU actual heat input.

(v) The New Jersey Zinc Company or any subsequent owner or operator of New Jersey Zinc Company Plant at Ashtabula County, Ohio shall not cause or permit the emission of sulfur dioxide in excess of 1.50 pounds of sulfur dioxide per million BTU actual heat input at any oil burning unit.

(14) In Athens County:

(i) No owner or operator of any fossil fuel-fired steam generating unit, unless otherwise specified below, shall cause or permit the emission of sulfur dioxide from any stack in excess of 7.50 pounds of sulfur dioxide per million BTU actual heat input.

(ii) The Columbus and Southern Ohio Power Company or any subsequent owner or operator of the Poston Power Plant in Athens County, Ohio shall not cause or permit the emission of sulfur dioxide from stacks 1 and 2 at the Poston Plant in excess of 3.72 pounds of sulfur dioxide per million BTU actual heat input. Stack number 3 is subject to New Source Performance Standards and is limited to 1.2 pounds of sulfur dioxide per million BTU of actual heat input.

(iii) In lieu of meeting paragraph (b)(14)(ii) of this section, the Columbus and Southern Ohio Power Company may elect in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy all of the following equations:

(A) $0.1932\ EL_1 + 0.0757\ EL_2 \leq 1$

(B) $0.1369\ EL_1 + 0.1276\ EL_2 \leq 1$

(C) $0.1230\ EL_1 + 0.1406\ EL_2 \leq 1$

where EL_1 is the emission limitation (in pounds of sulfur dioxide per million BTU of actual heat input) per stack i, and i is the stack number. For purposes of this regulation, each stack is identified as follows:

Stack No.	Boiler identification
1	1, 2
2	3, 4
3	5, 6

(15) In Auglaize County, the Goodyear Tire and Rubber Company, or any subsequent owner or operator of the Goodyear Tire and Rubber Company facilities in Auglaize County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 4.20 pounds of sulfur dioxide per million BTU actual heat input.

(16) In Belmont County:

(i) The Wheeling Pittsburgh Steel Company or any subsequent owner or operator of the Martins Ferry steel plant in Belmont County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Martins Ferry facility in excess of 5.78 pounds of sulfur dioxide per million BTU actual heat input.

(17) In Butler County:

(i) No present or subsequent owner or operator, unless otherwise specified in this subparagraph, of any fossil fuel-fired steam generating unit(s) located in Butler County, Ohio shall cause or permit sulfur dioxide emissions from any stack in excess of 1.40 pounds of sulfur dioxide per million BTU actual heat input.

(ii) No present or any subsequent owner or operator, unless otherwise specified in this subparagraph, of a by-product coke oven located in Butler County, Ohio, shall cause or permit the combustion of by-product coke oven gas containing a total sulfur content expressed as hydrogen sulfide in excess of 100 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas or the emission of sulfur dioxide from any stack at this facility in excess of 0.50 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The Armco Steel Company or any subsequent owner or operator of the Armco Steel-Hamilton Plant located in Butler County, Ohio shall cause or permit the combustion of by-product coke oven gas containing a total sulfur content expressed as hydrogen sulfide in excess of 146 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas or the emission of sulfur dioxide from any stack at this facility in excess of 0.73 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The Armco Steel Company or any subsequent owner or operator of the Armco Steel-Middletown Plant located in Butler County, Ohio shall not cause or permit emissions of sulfur dioxide from fossil fuel-fired steam generating units numbered B001, B002, B003, and B004 in excess of 2.11 pounds of sulfur dioxide per million BTU actual heat input and from fossil fuel-fired steam generating units numbered B007, B008, B009, and B010 in excess of 1.79 pounds of sulfur dioxide per million BTU actual heat input.

(v) The Champion Paper Company or any subsequent owner or operator of the Champion Paper facilities located in Butler County, Ohio shall not cause or permit emissions of sulfur dioxide from fossil fuel-fired steam-generating units numbered B010 and B020 in excess of 3.43 pounds of sulfur dioxide per million BTU actual heat input.

(18) In Clark County:

(i) The Ohio Edison Company or any subsequent owner or operator of the Mad River Power Plant in Clark County, Ohio, shall not cause or permit the emission of sulfur dioxide from any of the stacks 1, 2, and 3 at the Mad River Plant in excess of 4.62 pounds of sulfur dioxide per million BTU actual heat input. Emissions of sulfur dioxide from stacks 4 and 5 at the Mad River Plant shall not be in excess of 1.00 pounds of sulfur dioxide per million BTU actual heat input.

(ii) In lieu of meeting paragraph (b)(18)(i) of this section, the Ohio Edison Company may elect for stacks 1, 2, and 3 only, in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy all of the following equations:

(A) $0.0995\ (EL_1 + EL_2) + 0.0173\ EL_3 < 1$

(B) $0.0498\ (EL_1 + EL_2\ + 0.0516\ EL_3 < 1$

(C) $0.0735\ (EL_1 + EL_2) + 0.0190\ EL_3 < 1$

where EL_i is the emission limitation (pounds per million BTU) per stack i and i is the stack number. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1
2	2
3	3
4	[1]A
5	[1]B

[1] Turbine.

(19) In Clermont County:

(i) The Cincinnati Gas & Electric Company or any subsequent owner or operator of the Beckjord Power Plant in Clermont County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Beckjord plant in excess of 2.02 pounds of sulfur dioxide per million BTU actual heat input.

(ii) In lieu of paragraph (b)(19)(i) of this section, the Cincinnati Gas and Electric Company may elect, in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy all of the following equations:

(A) $0.1426\ EL_1 + 0.1629\ EL_2 + 0.0667\ EL_3 + 0.0823\ EL_4 + 0.0122\ EL_5 < 1$

(B) $0.1252\ EL_1 + 0.1349\ EL_2 + 0.1003\ EL_3 + 0.1192\ EL_4 + 0.0155\ EL_5 < 1$

(C) $0.0337\ EL_1 + 0.0353\ EL_2 + 0.0382\ EL_3 + 0.0451\ EL_4 + 0.0709\ EL_5 < 1$

(D) $0.1334\ EL_1 + 0.1492\ EL_2 + 0.0740\ EL_3 + 0.0904\ EL_4 + 0.0247\ EL_5 < 1$

(E) $0.0249\ EL_1 + 0.0257\ EL_2 + 0.0283\ EL_3 + 0.0332\ EL_4 + 0.0841\ EL_5 < 1$

where EL_i is the emission limitation (pounds per million BTU) per stack i and i is the stack number. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1
2	2
3	3
4	4
5	5, 6

(20) In Columbiana County, no present or any subsequent owner or operator of any fossil fuel-fired steam generating unit(s) operating in Columbiana County, Ohio shall cause or permit emission of sulfur dioxide from any stack in excess of 4.40 pounds of sulfur dioxide per million BTU actual heat input.

(21) In Coshocton County: (i) The Columbus and Southern Ohio Power Company or any subsequent owner or operator of the Conesville Plant in Coshocton County, Ohio shall not cause or permit the emission of sulfur dioxide from any of the stacks 1, 2, and 3 at the Conesville Plant in excess of 5.66 pounds of sulfur dioxide per million BTU actual heat input. Stack 4 at the Conesville Plant is subject to New Source Performance Standards and is limited to 1.2 pounds of sulfur dioxide per million BTU actual heat input.

(ii) In lieu of meeting paragraph (b)(21)(i) of this section, the Columbus and Southern Ohio Power Company may elect for stacks 1, 2, and 3 only, in accordance with the compliance schedule provision of § 52.182, to comply with the emission limitations which will satisfy all of the following equations:

(A) $0.0677\ (EL_1 + 0.0411\ EL_2) + 0.0065\ EL3 < 1$

(B) $0.0707\ (EL_1 + 0.0730\ EL_2) + 0.0011\ EL3 < 1$

(C) $0.0623\ (EL_1 + 0.0767\ EL_2) + 0.0013\ EL3 < 1$

(D) $0.0565\ (EL_1 + 0.0337\ EL_2) + 0.0866\ EL3 < 1$

(E) $0.0401\ (EL_1 + 0.0683\ EL_2) + 0.0026\ EL3 < 1$

(F) $0.0410\ (EL_1 + 0.1021\ EL_2) + 0.0\ EL3 < 1$

where EL_i is the emission limitation (pounds per million BTU) per stack i, and i is the stack number. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1, 2
2	3
3	4
4	5, 6

(22) In Crawford County, no present or any subsequent owner or operator of any fossil fuel-fired steam generating unit(s) operating in Crawford County, Ohio, shall cause or permit emissions of sulfur dioxide from any stack in excess of 9.00 pounds of sulfur dioxide per million BTU actual heat input.

(23) In Cuyahoga County, no owner or operator, unless otherwise specified in this subparagraph, shall cause or permit emission of sulfur dioxide from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units between 10.0 and 350×10^6 BTU's per hour total rated capacity of heat input, the emission rate in pounds of sulfur dioxide per million BTU actual heat input shall be calculated by the following equation:

$$EL = 7.014\,Q_m^{-0.3014}$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired units equal to or greater than 350 million BTU per hour total rated capacity, 1.20 pounds of sulfur dioxide per million BTU of actual heat input.

(iii) (A) The Republic Steel Corporation or any subsequent owner or operator of Republic Steel facilities located in Cuyahoga County, Ohio shall not cause or permit the combustion of byproduct coke oven gas at the basic oxygen furnace shop, open hearth shop, blast furnaces 1, 4 and 5, foundry, P-Anneals 1-4, and car thaw 1-1 through 1-4, containing a total sulfur content expressed as hydrogen sulfide in excess of 240 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas or the emission of sulfur dioxide from any stack at the above facilities in excess of 1.20 pounds of sulfur dioxide per million BTU actual heat input.

(B) The Republic Steel Corporation or any subsequent owner or operator of Republic Steel facilities located in Cuyahoga County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack attached to the Open Hearth precipitator units 111 and 112, 98-inch slab furnace units 1, 2, 3, 4, and 5, and the sinter plant at this facility in excess of 0.00 pounds of sulfur dioxide per million BTU actual heat input.

(C) The Republic Steel Corporation or any subsequent owner or operator of Republic Steel facilities located in Cuyahoga County, Ohio, shall not cause or permit the combustion of byproduct coke oven gas at the 84-inch slab furnace units 1, 2 and 3 containing a total sulfur content expressed as hydrogen sulfide in excess of 244 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas or the emission of sulfur dioxide from any stack at the above facilities in excess of 1.24 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The Cleveland Electric Illuminating Company or any subsequent owner or operator of the Lake Shore Power Plant located in Cuyahoga County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Lake Shore Plant in excess of the following rates:

(A) 1.30 pounds of sulfur dioxide per million BTU of actual heat input from unit no. 18.

(B) 1.90 pounds of sulfur dioxide per million BTU of actual heat input for units 91 through 94.

(v) The City of Cleveland or any subsequent owner or operator of the Division Pumping Station located at Cuyahoga County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Division Pumping Station in excess of 4.20 pounds of sulfur dioxide per million BTU of actual heat input.

(vi) No present or subsequent owner or operator of the fossil fuel-fired steam generating units listed herein shall cause or permit the emission of sulfur dioxide from any stack attached to the identified boilers in excess of 1.00 pounds of sulfur dioxide per million BTU of actual heat input:

Company	Boiler identification
(A) Cleveland Electric Illuminating Co., Hamilton Ave. Steam Plant.	All boilers.
(B) Republic Steel	234, 1, 2, A, B, and C.
(C) Addressograph	1, 2, and 3.
(D) General Electric Co	1 and 2.
(E) Jones and Laughlin Steel	30.

Company	Boiler identification
(F) Harshaw Chemical	7, 8, and 9.

(vii) No present of subsequent owner or operator of the fossil fuel-fired steam generating units listed herein shall cause or permit the emission of sulfur dioxide from any stack attached to the identified boilers in excess of 0.50 pounds of sulfur dioxide per million BTU of actual heat input:

Company	Boiler identification
(A) Jones & Laughlin Steel	22, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, and 35.
(B) U.S. Steel, Cuyahoga-Lorain works	1, 2, 3, 4, 5, and 6.
(C) DuPont	18.
(D) Standard Oil of Ohio	7, 9, and 10.

(viii) The United States Steel Corporation, Cuyahoga Works or any subsequent owner or operator of the Cuyahoga Works in Cuyahoga County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack attached to boilers 3 through 7 at the Cuyahoga Works in excess of 1.30 pounds of sulfur dioxide per million BTU of actual heat input.

(ix) The Hupp Company or any subsequent owner or operator of Hupp facilities in Cuyahoga County, Ohio shall not cause or permit emission of sulfur dioxide from any stack attached to boilers 1 through 3 at this facility in excess of 3.50 pounds of sulfur dioxide per million BTU of actual heat input.

(x) The Chase Bag Company or any subsequent owner or operator of Chase Bag facilities in Cuyahoga County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack attached to boilers 1 & 2 at this facility in excess of 4.20 pounds of sulfur dioxide per million BTU of actual heat input.

(xi) The General Electric Company or any subsequent owner or operator of General Electric facilities in Cuyahoga County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack attached to boilers 3 and 4 at this facility in excess of 3.10 pounds of sulfur dioxide per million BTU of actual heat input.

(xii) The General Motors Corporation or any subsequent owner or operator of the Fisher Body plant at Cuyahoga County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack attached to boilers 7, 8, and 9 at this facility in excess of 2.10 pounds of sulfur dioxide per million BTU of actual heat input.

(xiii) No present or subsequent owner or operator of the Medical Center located in Cuyahoga County, Ohio shall cause or permit the emission of sulfur dioxide from any stack attached to boilers 3 through 8 at the Medical Center in excess of 4.60 pounds of sulfur dioxide per million BTU of actual heat input.

(xiv) The Ford Motor Company or any subsequent owner or operator of the Ford Motor Company facilities located at Cuyahoga County, Ohio shall not cause or permit emissions of sulfur dioxide from any stack at these facilities in excess of the rates specified below:

(A) 1.20 pounds of sulfur dioxide per million BTU actual heat input for boilers 1, 2, and 3 at the Stamping Plant.

(B) 4.20 pounds of sulfur dioxide per million BTU actual heat input for boilers 1, 2, 3, 4, and 5 at the Engine Plant #2.

(xv) No present or subsequent owner or operator of the Highland View Hospital shall cause or permit the emission of sulfur dioxide from any stack at the Highland View Hospital in excess of the rates specified below:

(A) 2.90 pounds of sulfur dioxide per million BTU of heat input for boilers 3 and 4.

(B) 1.50 pounds of sulfur dioxide per million BTU of heat input for boilers and 1 and 2.

(xvi) The Allied Chemical Company or any subsequent owner or operator of the Allied Chemical Company sulfuric acid production units at Cuyahoga County, Ohio shall not cause or permit the emission of sulfur dioxide from any unit in excess of 4.8 pounds of sulfur dioxide per ton of 100% sulfuric acid produced.

(xvii) No owner or operator, unless otherwise specified in this subparagraph, shall cause or permit the combustion of by-product coke oven gas from any stack containing a total sulfur content expressed as hydrogen sulfide in excess of 170 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas or the emission of sulfur dioxide from any stack in excess of 0.86 pounds of sulfur dioxide per million BTU actual heat input. Facilities subject to paragraphs (b)(23) (i) and (ii) of this section are not subject to this limitation.

(xviii) No owner or operator of any process equipment, unless otherwise specified in this paragraph, shall cause or permit the emission of sulfur dioxide from any stack in excess of 6.00 pounds of sulfur dioxide per ton of actual process weight input.

(xix) The Harshaw Chemical Company or any subsequent owner or operator of the Harshaw Chemical Company facilities in Cuyahoga County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack in excess of 19.0 pounds of sulfur dioxide per ton of actual process weight input.

(xx) The Dupont Company or any subsequent owner or operator of the Dupont Company sulfuric acid production units at Cuyahoga County, Ohio shall not cause or permit the emission of sulfur dioxide in excess of 10.0 pounds of sulfur dioxide per ton of 100% sulfuric acid production.

(xxi) The Aluminum Company of America (ALCOA) or any subsequent owner or operator of ALCOA's Cleveland Works in Cuyahoga County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 5.20 pounds of sulfur dioxide per million BTU actual heat input.

(24) In Delaware County, no present or subsequent owner or operator of any fossil fuel-fired steam generating unit(s) operating in Delaware County, Ohio, shall cause or permit emission of sulfur dioxide from any stack in excess of 4.00 pounds of sulfur dioxide per million BTU actual heat input.

(25) In Erie County:

(i) No present or any subsequent owner or operator of any fossil fuel-fired steam generating unit(s) shall cause or permit emission of sulfur dioxide from any stack in excess of 1.60 pounds of sulfur dioxide per million BTU actual heat input.

(ii) No present or any subsequent owner or operator of any process equipment, shall cause or permit the emission from any stack into the atmosphere of any process gas stream containing sulfur dioxide in excess of 9.50 pounds of sulfur dioxide per ton of actual process weight input.

(26) In Fairfield County:

(i) The Diamond Power Specialty Company or any subsequent owner or operator of the Diamond Power facility in Fairfield County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Diamond Power facility in excess of 6.90 pounds of sulfur dioxide per million BTU actual heat input.

(ii) The Crown-Zellerbach Corporation or any subsequent owner or operator of the Crown-Zellerbach facility in Fairfield County, Ohio shall not cause or permit the emission of sulfur dioxide from the stack attached to 2 boiler at the Crown-Zellerbach facility in excess of 7.00 pounds of sulfur dioxide per million BTU actual heat input.

(27) In Franklin County, no owner or operator of the following types of facilities unless otherwise specified in this paragraph, shall cause or permit emission of sulfur dioxide from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating unit between 10.0 and 50.0 × 10^6 BTU per hour total rated capacity of heat input, the emission rate in pounds of sulfur dioxide per million BTU actual heat input shall be calculated by the following equation:

$$EL = 8.088 Q_m^{-0.4307}$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating unit(s) equal to or greater than 50.0×10^6 BTU per hour total rated capacity of heat input, the emission limitation shall be 1.50 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The present or any subsequent owner or operator of the Columbus State Institution in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 3.80 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The present or any subsequent owner or operator of the Columbus State Hospital in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 4.10 pounds of sulfur dioxide per million BTU actual heat input.

(v) The present or any subsequent owner or operator of Ross Laboratory in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 4.80 pounds of sulfur dioxide per million BTU actual heat input.

(vi) The present or any subsequent owner or operator of the Rickenbacker Air Force Base in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 2.20 pounds of sulfur dioxide per million BTU actual heat input.

(vii) The present or any subsequent owner or operator of the Capital City Products facility in Franklin County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 3.10 pounds of sulfur dioxide per million BTU actual heat input.

(viii) The present or any subsequent owner or operator of the Westinghouse Electric facility in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 2.20 pounds of sulfur dioxide per million BTU actual heat input.

(ix) (A) The present or any subsequent owner or operator of the Naval Weapons Industrial Reserve Plant in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 1.06 pounds of sulfur dioxide per million BTU actual heat input.

(B) In lieu of meeting § 52.1881(b)(27)(ix)(A), the present or any subsequent owner or operator of the Naval Weapons Industrial Reserve Plant may elect to comply with the alternate emission limitation and operating conditions specified below.

(*1*) The present or any subsequent owner or operator of the Naval Weapons Industrial Reserve Plant shall not cause or permit the emission of sulfur dioxide from any stack in excess of 3.65 pounds of sulfur dioxide per million BTU actual heat input provided that such stacks be greater than or equal to 44.5 meters in height and that the combined maximum boiler design capacity be limited to 177 million BTU per hour by installation of a lock-out system on the boiler coal-feeders. The present or any subsequent owner or operator of the Naval Weapons Industrial Reserve Plant shall keep a permanent log on the lock-out system and record any problems with the system in the log. This log shall be available for inspection by the EPA. This log shall be in lieu of the reporting and monitoring requirements of § 52.1882(g).

(*2*) The present or any subsequent owner or operator of the Naval Weapons Industrial Reserve Plant shall be permitted to operate its five boilers (#1, 2, 3, 5a or 5b) in only one of the following three configurations at any given time:

(*i*) Any two of boilers 1, 2, or 3 on; the remaining three boilers off.

(*ii*) Boilers 5a and 5b on; boilers 1, 2, and 3 off.

(*iii*) Boiler 5b and any one of boilers 1, 2, or 3 on; the remaining three boilers off.

(*3*) In the event that the Naval Weapons Industrial Reserve Plant elects to comply with the alternate emission limitation and operating configurations in § 52.1881(b)(27)(ix)(B) (*1*) and (*2*) and vents its boilers through stacks greater than or equal to 44.5 meters in height and installs a lock-out system on the boiler coal-feeders such that the combined maximum boiler design capacity is limited to 177 MMBTU/hr, all such action shall be taken within 30 weeks of (the effective date of promulgation). The Administrator must be notified in writing that all such action was taken within five working days of its completion.

(x) No owner or operator of any primary zinc smelter shall cause or permit the emission of sulfur dioxide from the plant in excess of the amount prescribed by the following equation:

$$Y = 0.564X^{0.85}$$

where X is the total sulfur feed expressed as elemental sulfur in the smelter input stream in lbs/hour and Y is the allowable sulfur dioxide emission rate in lbs/hour from all stacks combined.

(xi) Except as provided in paragraph (b)(27)(x) of this section, no owner or operator of any process equipment shall cause or permit the emission from any stack into the atmosphere of any process gas stream containing sulfur dioxide in excess of 2.40 pounds of sulfur dioxide per ton of actual process weight input.

(28) In Gallia County:

(i) The Ohio Power Company or any subsequent owner or operator of the Gavin Power Plant in Gallia County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Gavin facility in excess of 9.50 pounds per million BTU actual heat input.

(ii) The Ohio Valley Electric Company or any subsequent owner or operator of the Kyger Creek Power Plant in Gallia County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Kyger Creek facility in excess of 8.20 pounds of sulfur dioxide per million BTU actual heat input.

(29) In Greene County:

(i) No owner or operator of any process equipment shall cause or permit the emission of sulfur dioxide from any stack in excess of that permitted by the following equation:

$$EL = 563.3P^{-0.9027}$$

where EL is the allowable emission rate in pounds of sulfur dioxide per ton of actual process weight input and P is the design process weight input rate in tons per hour.

(ii) The present or any subsequent owner of the Wright Patterson Air Force Base in Greene County, Ohio, shall not cause or permit emissions of sulfur dioxide in excess of 877.2 nanograms of sulfur dioxide per joule (2.04 lbs. SO_2/MMBTU) of actual heat input from the stack at Building 20770 and stacks #2 and 3 at Building 31240.

(iii) No present or any subsequent owner of the Antioch College at Greene County, Ohio shall cause or permit the emissions of sulfur dioxide from any stack at Antioch College in excess of the rates specified below:

(A) 6.20 pounds of sulfur dioxide per million BTU actual heat input for any fossil fuel-fired steam generating unit burning coal.

(B) 1.40 pounds of sulfur dioxide per million BTU actual heat input for any fossil fuel-fired steam generating unit burning oil.

(iv) No present or any subsequent owner of Central State University at Greene County, Ohio shall cause or permit emissions of sulfur dioxide from any stack at Central State University in excess of the rates specified below:

(A) 4.30 pounds of sulfur dioxide per million BTU actual heat input from Stack 1.

(B) 0.30 pound of sulfur dioxide per million BTU actual heat input from Stack 2.

(30) In Hamilton County:

(i) No owner or operator of any fossil fuel-fired steam generating unit(s) located in Hamilton County, Ohio, unless otherwise specified in this paragraph, shall cause or permit sulfur dioxide emissions from any stack in excess of 2.00 pounds of sulfur dioxide per million BTU actual heat input.

(ii) The Cincinnati Gas and Electric Company or any subsequent owner or operator of the Miami Fort Power Plant in Hamilton County, Ohio shall not cause or permit the emissions of sulfur dioxide, from stack number 2 at the Miami Fort Plant in excess of 0.30 pound of sulfur dioxide per million BTU actual heat input, from stacks 3 and 4 at the Miami Fort Plant in excess of 3.30 pounds of sulfur dioxide per million BTU actual heat input, from stack 5 at the Miami Fort Plant in excess of 5.50 pounds of sulfur dioxide per million BTU actual heat input. Stack number 6 is subject to Federal New Source Performance Standards and is limited to 1.20 pounds of sulfur dioxide per million BTU of actual heat input. Stacks at the Miami Fort Power Plant are identified as follows:

Stack No.	Boiler No.
2	3
3	4 and 5
4	6
5	7
6	8

(iii) No owner or operator of a sulfur acid production unit(s) shall cause or permit the emissions of sulfur dioxide from the unit(s) in excess of 21.0 pounds of sulfur dioxide per ton of 100% sulfuric acid produced.

(iv) No owner or operator of any fluidized catalytic cracking unit located in Hamilton County, Ohio shall cause or permit sulfur dioxide emissions from any unit in excess of 0.78 pound of sulfur dioxide per thousand pounds of charging feed stock.

(31) In Hancock County:

(i) No owner or operator of any fossil fuel-fired steam generating unit(s) or process operation heater(s) located in Hancock County, Ohio, unless otherwise specified in the paragraph, shall cause or permit sulfur dioxide emissions from any stack in excess of 5.20 pounds of sulfur dioxide per million BTU actual heat input.

(ii) The Northern Ohio Sugar Company, or any subsequent owner or operator of the Northern Ohio Sugar Company facilities in Hancock County, Ohio shall not cause or permit sulfur dioxide emissions from any stack in excess of 2.50 pounds of sulfur dioxide per million BTU actual heat input.

(32) In Henry County:

(i) No owner or operator of any oil-fired fossil fuel steam generating unit, unless otherwise specified shall cause or permit emission of sulfur dioxide from any stack in excess of 2.10 pounds per million BTU actual heat input.

(ii) The present or subsequent owner or operator of the City of Napoleon Power Plant in Henry County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Napoleon Power Plant in excess of 5.88 pounds of sulfur dioxide per million BTU actual heat input.

(33) In Huron County, no owner or operator of any fossil fuel-fired steam generating unit shall cause or permit emission of sulfur dioxide from any stack in excess of 8.00 pounds of sulfur dioxide per million BTU actual heat input.

(34) In Jefferson County, no owner or operator, unless otherwise specified in this paragraph, shall cause or permit sulfur dioxide emissions from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating unit(s) burning coal: 1.80 pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating unit(s) burning oil: 0.80 pound of sulfur dioxide per million BTU actual heat input.

(iii) The Kaul Clay Company or any subsequent owner or operator of the Kaul Clay Plant facilities in Jefferson County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack of this facility in excess of 2.82 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The Toronto Paper Board Company or any subsequent owner or operator of the Toronto Paper Board Company plant facilities in Jefferson County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 5.96 pounds of sulfur dioxide per million BTU actual heat input.

(v) The Ohio Edison Company or any subsequent owner or operator of the Toronto Power Plant in Jefferson County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Toronto Plant in excess of 8.10 pounds of sulfur dioxide per million BTU actual heat input.

(vi) The Ohio Edison Power Company or any subsequent owner or operator of the Sammis Power Plant in Jefferson County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Sammis Plant in excess of 2.91 pounds of sulfur dioxide per million BTU actual heat input.

(vii) In lieu of meeting paragraph (b)(34)(vi) of this section, the Ohio Edison Company may elect, in accordance with the compliance schedule provision of § 52.1882, to comply with the emission limitations which simultaneously satisfy all of the following equations:

$$(A)\ 0.1673\ EL_1+0.1670\ EL_2+0.0072\ EL_3+0.0022\ EL_4\ 1$$

$$(B)\ 0.0557\ (EL_1+EL_2+0.1106\ EL_3+0.0734\ EL_4\ 1$$

where EL_i is the emission limitation (pounds per million BTU) per stack i and i is the stack number. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1, 2
2	3, 4
3	5, 6
4	7

(viii) The owner or operator of the Cardinal Power Plant in Jefferson County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Cardinal Plant in excess of 4.76 pounds of sulfur dioxide per million BTU actual heat input.

(ix) In lieu of meeting paragraph (b)(24)(vii) of this section, the owner or operator of the Cardinal Power Plant may elect, in accordance with the compliance schedule provision of § 52.1882, to comply with the emission limitations which satisfy the following equation:

$$(A)\ 0.0668\ (EL_1+EL_2)+0.0763\ EL_3<1$$

where EL_i is the emission limitations (pounds per million BTU) per stack i and i is the stack number. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1
2	2
3	3

(x) The Ohio Power Company or any subsequent owner or operator of the Tidd Power Plant in Jefferson County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Tidd Plant in excess of 1.58 pounds of sulfur dioxide per million BTU actual heat input.

(xi) In lieu of meeting paragraph (24)(viii) of this paragraph (b), the Ohio Power Company may elect, in accordance with the compliance schedule provision of § 52.1882, to comply with the emission limitations which will simultaneously satisfy all of the following equations:

$$(A)\ .1521\ (EL_1+EL_2)+.3267\ EL_3<1$$

$$(B)\ .1443\ (EL_1+EL_2)+.3338\ EL_3<1$$

$$(C)\ .1563\ (EL_1+EL_2)+.3169\ EL_3<1$$

$$(D)\ .1591\ (EL_1+EL_2)+.3143\ EL_3<1$$

where EL_i is the emission limitations (pounds per million BTU) per stack i and i is the stack number. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	11
2	12
3	21

(xii) No owner or operator of a by-product coke oven shall cause or permit the combustion of by-product coke gas oven containing hydrogen sulfide in exess of 50 grains per 100 dry standards cubic feet of coke oven gas.

(xiii) The Wheeling Pittsburgh Steel Company or any subsequent owner or operator of the Yorkville Steel Plant facility in Jefferson County, Ohio shall not cause or permit the emission of sulfur dioxide from any fossil fuel-fired steam generating unit stack at the Yorkville facility in excess of 5.62 pounds of sulfur dioxide per million BTU actual heat input.

(35) In Lake County, no owner or operator of the following types of facilities, unless otherwise specified in this subparagraph, shall cause or permit emissions from stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units between 10.0 and $1000+10^6$ BTU per hour total rated capacity of heat input, the emission rate in pounds of sulfur dioxide per million BTU actual heat input shall be calculated by the following equation:

$$EL=14.976Q_m^{-0.3431}$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating unit(s) equal to or greater than $1000 + 10^6$ BTU per hour total rated capacity of heat input, 1.40 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The present or any subsequent owner or operator of the Ohio Rubber Company facility in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the facility in excess of 6.00 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The present or any subsequent owner or operator of the Painesville Municipal Power Plant in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of the rates specified below:

(A) For boilers 1 through 4: 5.20 pounds of sulfur dioxide per million BTU actual heat input.

(B) Boiler number 5 is subject to New Source Performance Standards and is limited to 1.20 pounds of sulfur dioxide per million BTU actual heat input.

(v) The present or any subsequent owner or operator of the Erie Coke and Chemical Company facility in Lake County, Ohio shall not cause or permit the combustion of by-product coke oven gas for coke oven underfiring containing a total sulfur content expressed as hydrogen sulfide in excess of 450 grains of hyrogen sulfide per 100 dry standard cubic feet of coke oven gas. All existing boilers previously owned by Diamond Shamrock will remain at 0.0 pounds of sulfur dioxide per million BTU actual heat input.

(vi) The Cleveland Electric Illuminating Co. or any subsequent owner or operator of the Eastlake Plant in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Eastlake Plant in excess of 5.64 pounds of sulfur dioxide per million Btu actual heat input from the effective date of these regulations until one year from that date or until the date provided in the last sentence of paragraph (b)(35)(vii) of this section, whichever is later.

(vii) [Reserved]

(viii) (A) The Lubrizol Corporation, or any subsequent owner or operator of the Lubrizol facilities located in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Lubrizol facility in excess of 20.00 pounds of sulfur dioxide per ton of actual process weight input.

(B) The Lubrizol Corporation, or any subsequent owner or operator of the Lubrizol facilities located in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack for boilers 1, 2 or 3 at the Lubrizol facility in excess of 0.55 pound of sulfur dioxide per million BTU actual heat input.

(ix) The Republic Steel Corporation, or any subsequent owner or operator of the Republic Steel facilities located in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Republic Steel facility in excess of 4.21 pounds of sulfur dioxide per ton of actual process weight input.

(36) In Lawrence County:

(i) No owner or operator, unless otherwise specified below, of any industrial process equipment or fossil fuel-fired steam generator unit(s) shall cause or permit the combustion of gasses containing a total sulfur content expressed as hydrogen sulfide in excess of 235 grains of hydrogen sulfide per 100 dry standard cubic feet of gas; or the emission of sulfur dioxide from any stack in excess of 1.22 pounds of sulfur dioxide per million BTU actual heat input.

(ii) The Marquette Cement Company or any subsequent owner or operator of the Marquette Cement Company facilities at Lawrence County, Ohio, shall not cause or permit the emission of sulfur dioxide in excess of 73.0 pounds of sulfur dioxide per ton of actual process weight input.

(iii) The Dayton Malleable Iron Company or any subsequent owner or operator of the Dayton Malleable Iron Company facilities at Lawrence County, Ohio, shall not cause or permit the emission of sulfur dioxide in excess of the rates specified below:

(A) 2.00 pounds of sulfur dioxide per ton of actual process weight input at the holding furnaces.

(B) 5.40 pounds of sulfur dioxide per ton of actual process weight input at the Cupola.

(iv) The Allied Chemical Company or any subsequent owner or operator of the Semet Solvay Division at Lawrence County, Ohio, shall not cause or permit the combustion of gases containing a total sulfur content expressed as hydrogen sulfide in excess of 165 grains of hydrogen sulfide per 100 dry standard cubic feet of gas, or 0.86 pound of sulfur dioxide per million BTU actual heat input, at tar processing boilers 1, 2 and 3.

(v) The Allied Chemical Company or any subsequent owner or operator of the Specialty Chemicals Division in Lawrence County, Ohio, shall not cause or permit the emission of sulfur dioxide from any fossil fuel-fired steam generating unit in excess of 5.52 pounds of sulfur dioxide per million BTU actual heat input.

(37) In Licking County, no owner or operator of any oil-fired steam generating unit(s) shall cause or permit emission of sulfur dioxide from any stack in excess of 1.50 pounds of sulfur dioxide per million BTU actual heat input.

(38) In Lorain County, no owner or operator, unless otherwise specified in this paragraph, shall cause or permit sulfur dioxide emissions from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units between 10.0 and 100 million BTU per hour total rated capacity of heat input, the maximum allowable emission rate from any stack shall be calculated by the following equation:

$$EL = 21.176 Q_m^{-0.5477}$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating units equal to or greater than 100 million BTU per hour total rated capacity of heat input, the maximum allowable emission rate from any stack shall be 1.70 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The Cleveland Electric Illuminating Co., or any owner or operator of the Avon Lake Plant in Lorain County, Ohio, shall not cause or permit the emission of sulfur dioxide in pounds per million Btu actual heat input from any stack at the Avon Lake Plant in excess of the rates specified in one of the following alternatives from the effective date of these regulations until one year from that date or until the date provided in the last sentence of paragraph (b)(38)(iv) of this section, whichever is later:

ALTERNATIVE 1

Stack No., Boiler identification, and Emission limit

1—1,2—1.06
2—3,4—1.06
3—5,6—1.06
4—7,8—1.06
5—9—4.10
6—10—4.10
7—11—4.10
8—12—4.10

ALTERNATIVE 2

Stack No., Boiler identification, and Emission limit

1—1,2—0.32
2—3,4—0.32
3—5,6—0.32
4—7,8—0.32
5—9—4.65
6—10—4.65
7—11—4.65
8—12—4.65

(iv) [Reserved]

(v) The Cleveland Electric Illuminating Co. or any subsequent owner or operator of the Edgewater Plant located in Lorain County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Edgewater facility in excess of 3.40 pounds of sulfur dioxide per million BTU actual heat input.

(vi) The United States Steel Corporation or any subsequent owner or operator of the United States Steel facilities in Lorain County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at those facilities in excess of:

(A) For fossil fuel-fired steam generating units number 001 through 009: 1.20 pounds of sulfur dioxide per million BTU of actual heat input.

(B) For fossil fuel-fired steam generating units number 010 through 012:

1.98 pounds of sulfur dioxide per million BTU of actual heat input.

(C) For fossil fuel-fired steam generating unit number 013: 0.31 pound of sulfur dioxide per million BTU of actual heat input.

(D) For all other fossil fuel-fired steam generating units, paragraph (b)(38)(i) or (b)(38)(ii) of this section shall apply, as applicable.

(vii) The United States Steel Corporation or any subsequent owner or operator of the United States Steel facilities in Lorain County, Ohio, shall not cause or permit the combustion of by-product coke oven gas from any stack containing a total sulfur content expressed as hydrogen sulfide in excess of 368 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas and shall not cause or permit the emission of sulfur dioxide from any stack in excess of 1.98 pounds of sulfur dioxide per million BTU of actual heat input.

(viii) The General Motors Corporation or any subsequent owner or operator of the Fisher Body Plant at Lorain County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Fisher Body Plant in excess of the rates specified below:

(A) 0.80 pound of sulfur dioxide per million BTU of actual heat input for boilers number 001 and 002.

(B) 0.90 pound of sulfur dioxide per million BTU of actual heat input for boiler number 004.

(C) For all other fossil fuel-fired steam generating units, paragraph (b)(38)(i) or (38)(ii) of this section, shall apply, as applicable.

(ix) Oberlin College or any subsequent owner or operator of the Oberlin College facility in Lorain County, Ohio shall not cause or permit the emission of sulfur dioxide in excess of the rates specified below:

(A) 6.92 pounds of sulfur dioxide per million BTU of actual heat input for coal-fired boilers No. 1 and 2.

(B) 0.35 pounds of sulfur dioxide per million BTU of actual heat input for oil-fired boiler No. 3.

(x) The B. F. Goodrich Company or any subsequent owner or operator of the facility in Lorain County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of the rates specified below:

(A) 129.0 nanograms of sulfur dioxide per joule (0.30 lbs. SO_2/MMBTU) of actual heat input for oil-fired boilers number 1, 2, 5, and 6.

(B) 2237.1 nanograms of sulfur dioxide per joule (5.20 lbs. SO_2/MMBTU) of actual heat input for coal-fired boilers number 3 and 4.

(39) In Lucas County, no owner or operator of the following types of facilities, unless otherwise specified in this paragraph, shall cause or permit sulfur dioxide emissions from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units burning coal the emission rate shall be 1.50 pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating units burning oil the emission rate shall be 1.00 pound of sulfur dioxide per million BTU actual heat input.

(iii) The Toledo Edison Company or any subsequent owner or operator of the Bay Samendments to hore Station in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Bay Shore Station in excess of the rates specified below:

(A) 834.6 nanograms of sulfur dioxide per joule (1.94 lbs SO_2/MMBTU) actual heat input for the fossil fuel-fired steam generating units burning coal.

(B) 215.1 nanograms of sulfur dioxide per joule (0.50 lbs SO_2/MMBTU) actual heat input for the fossil fuel-fired peaking unit burning oil.

(iv) Standard Oil of Ohio or any subsequent owner or operator of the Standard Oil of Ohio facility located in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of the rates specified below:

(A) 0.29 pound of sulfur dioxide per million BTU actual heat input for all process heaters and fossil fuel-fired steam-generating units unless otherwise specified in this subparagraph.

(B) 1.00 pound of sulfur dioxide per million BTU actual heat input for process heaters or fossil fuel-fired steam-generating units numbered B024.

(C) 0.50 pound of sulfur dioxide per million BTU actual heat input for process heater or fossil fuel-fired steam-generating unit number B021.

(D) 0.57 pounds of sulfur dioxide per million BTU actual heat input for process heaters or fossil fuel-fired steam-generating units numbered B009, B010, B020, B023, and B025.

(E) 0.92 pound of sulfur dioxide per 1,000 pounds of charging stock for catalytic cracking units and CO boilers connected to a common stack.

(F) 0.40 pound of sulfur dioxide per ton of actual process weight input for any process.

(v) [Reserved]

(vi) The Coulton Chemical Company or any subsequent owner or operator of the Coulton Chemical facility in Lucas County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Coulton Chemical facility in excess of the rates specified below:

(A) 0.00 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel fired steam generating units or process heaters.

(B) 6.50 pounds of sulfur dioxide per ton of 100 percent sulfuric acid produced for sulfuric acid production units.

(vii) The Toledo Edison Company or any subsequent owner or operator of the Acme Power Plant in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Acme plant in excess or the rates specified below:

(A) 516.2 nanograms of sulfur dioxide per joule (1.20 lbs SO_2/MMBTU) actual heat input for fossil fuel-fired steam generating units burning coal.

(B) 1.00 pound of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating units burning oil.

(viii) Gulf Oil or any subsequent owner or operator of the Gulf Oil facility in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Gulf Oil facility in excess of the rates specified below:

(A) 0.90 pound of SO_2 per million BTU actual heat input for fossil fuel-fired steam generating units numbered B001, B002, B003 and B004.

(B) 1.03 pounds of SO_2 per million BTU actual heat input for process heaters or fossil fuel-fired steam generating units numbered B005, B006, and B013.

(C) 1.21 pounds of SO_2 per million BTU actual heat input for process heater numbered B009 and for the stack connecting process heaters numbered B007 and B008.

(D) 1.29 pounds of SO_2 per million BTU actual heat input for process heater number B014.

(E) 1.57 pounds of SO_2 per 1,000 pounds of charging stock for catalytic cracking unit P003 and CO boiler B016 connected to the same stack.

(F) 200 pounds of SO_2 per 2,000 pounds of sulfur processed for sulfur recover plant P005.

(G) Gulf Oil or any subsequent owner or operator of these facilities located in Lucas County, Ohio, shall not cause or permit the combustion of refinery fuel gas at process heaters numbered B010, B011, B012, B015 and for the waste heat boiler stack connecting process heaters numbered B017, B018, B019 and B020 containing a total sulfur content expressed as hydrogen sulfide in excess of 10 grains of hydrogen sulfide per 100 dry standard cubic feet of refinery fuel gas or the emission of SO_2 from any stack of the above units in excess of 0.04 pound of SO_2 per million BTU actual heat input.

(H) Gulf Oil or any subsequent owner or operator of the Gulf Oil facilities located in Lucas County, Ohio shall operate only one of the units numbered B001, B002, B003, and B004 simultaneously with the 3 units numbered B005, B006 and B016.

(I) Gulf Oil or any subsequent owner or operator of the Gulf Oil facilities located in Lucas County, Ohio, shall not operate more than two of the units numbered B001, B002, B003, and B004 simultaneously with two of the units numbered B005, B006 and B016.

(J) Gulf Oil or any subsequent owner or operator of the Gulf Oil facilities located in Lucas County, Ohio shall limit the simultaneous operation of B001, B002, B003, and B004 to the operating configurations specified in paragraphs (b)(39)(viii) (H) and (I) of this section.

(ix) The Toledo Edison Company or an subsequent owner or operator of the Water Street Steam Plant in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Water Street Plant in excess of 430.2 nanograms of sulfur dioxide per joule (1.00 lbs SO_2 per MMBTU) actual heat input.

(x) Phillips Petroleum Company or any subsequent owner or operator of the Toledo Philblack Plant in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Toledo Philblack Plant in excess of the rates specified below:

(A) 4.67 pounds of sulfur dioxide per million BTU actual heat input for any process dryer.

(B) 4.99 pounds of sulfur dioxide per million BTU actual heat input for all fossil fuel-fired steam-generating units, processes and incinerator unless otherwise specified in this paragraph.

(xi) Interlake Incorporated or any subsequent owner or operator of the Interlake Incorporated facility in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of the rates specified below:

(A) 43.0 nanograms of sulfur dioxide per joule (0.10 lbs SO_2 MMBTU) actual heat input for the fossil fuel-fired steam-generating units and the combined maximum hourly allowable heat input rate shall not exceed 300 million BTUs per hour.

(xii) Nabisco or any subsequent owner or operator of the Nabisco facility in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of 1.20 pounds of sulfur dioxide per million BTU actual heat input.

(xiii) The Toledo Hospital or any subsequent owner or operator of the Toledo Hospital in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of 3.50 pounds of sulfur dioxide per million BTU actual heat input.

(xiv) Sun Petroleum Products Company or any subsequent owner or operator of the Sun Petroleum Products Company facility in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Sun facility in excess of the rates specified below:

(A) Unless otherwise specified in this paragraph, the combustion of refinery fuel gas containing a total sulfur content expressed as hydrogen sulfide in excess of 10 grains of hydrogen sulfide per 100 dry standard cubic feet of refinery fuel gas or the emission of sulfur dioxide from any stack at this facility in excess of 0.04 pounds of sulfur dioxide per million BTU actual heat input.

(B) 0.0 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating units or process operation heaters numbered 502, 1901, 1902, 1903, 1904, 1905, and 1906.

(C) 3.00 pounds of sulfur dioxide per 1,000 pounds of charging stock for catalytic cracking units and CO boilers connected to the same stack.

(D) 1.80 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating unit numbered 1910.

(E) 1.60 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired process heater units numbered 507 and 508.

(F) 1.50 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired process heater unit numbered 301.

(G) 1.40 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired process heater units numbered 9401.

(H) 1.10 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired process heater units numbered 501 and 503.

(I) 0.90 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired process heater unit numbered 304.

(J) 70 pounds of sulfur dioxide per 1000 pounds of sulfur processed for sulfur recovery plants.

(K) Fossil fuel-fired process heater units numbered 501 and 503 will not be operated simultaneously with Fossil fuel-fired process heater unit number 507.

(xv) Seneca Petroleum or any subsequent owner or operator of the Seneca Petroleum facility in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Seneca Petroleum facility in excess of 1.20 pounds of sulfur dioxide per million BTU actual heat input.

(xvi) The Koppers Company Incorporated or any subsequent owner or operator of the Koppers facility in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of the rates specified below:

(A) 111.8 nanograms of sulfur dioxide per joule (0.26 lbs. SO_2 MMBTU) actual heat input for the two new fossil fuel-fired steam generating units.

(B) 1.69 kilogram of sulfur dioxide per metric ton (3.38 lbs. SO_2 per ton) of actual process weight input for the coke battery.

(40) In Mahoning County, no owner or operator, unless otherwise specified in this paragraph, shall cause or permit the emission of sulfur dioxide in excess of the rates specified below:

(i) For fossil fuel-fired steam-generating units: 0.50 pound of sulfur dioxide per million BTU of actual heat input.

(ii) For process operations: 1.00 pound of sulfur dioxide per ton of actual process weight input.

(iii) No owner or operator shall cause or permit the combustion of by-product coke oven gas from any stack containing a total sulfur content expressed as hydrogen sulfide in excess of 135 grains hydrogen sulfide per 100 dry standard cubic feet of coke oven gas or the emission of sulfur dioxide from any stack in excess of 0.68 pound of sulfur dioxide per million BTU actual heat input.

(iv) The Ohio Edison Company or any subsequent owner or operator of the North Avenue Steam Plant located in Mahoning County shall not cause or permit the emission of sulfur dioxide from any stack at the North Avenue Steam Plant in excess of 4.75 pounds of sulfur dioxide per million BTU of actual heat input.

(v) Lonardo & Sons Greenhouse or any subsequent owner or operator of the Lonardo & Sons Greenhouse facilities located in Mahoning County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at Lonardo & Sons Greenhouse in excess of 2.00 pounds of sulfur dioxide per million BTU actual heat input.

(vi) Whiteacre-Greer Fireproofing or any subsequent owner or operator of the Whiteacre-Greer facilities located at Mahoning County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at Whiteacre-Greer in excess of 20 pounds of sulfur dioxide per ton of actual process weight input.

(vii) The Koppers Company or any subsequent owner or operator of the Koppers Company facilities located in Mahoning County, Ohio, shall not cause or permit the emission of sulfur dioxide from the stack connected to boiler number 3 in excess of 4.0 pounds of sulfur dioxide per million BTU actual heat input.

(viii) The Youngstown Sheet and Tube Company or any subsequent owner or operator of the Brier Hill Works located in Mahoning County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 0.00 pound sulfur dioxide per million BTU actual heat input.

(ix) The Youngstown Sheet and Tube Company or any subsequent owner or operator of the Campbell and Struthers Works located in Mahoning County, Ohio shall not cause or permit the emission of sulfur dioxide except as specified below:

(A) 2.67 pounds of sulfur dioxide per million BTU actual heat input from any stack at the coke plant.

(B) For the seamless mills, paragraphs (b)(40)(ix)(B) (*1*), (*2*) or (*3*) of this section apply in conjunction with paragraph (b)(40)(ix)(B) (*4*) of this section.

(*1*) 2.67 pounds of sulfur dioxide per million BTU actual heat input from any stack when coke oven gas is being combusted.

(*2*) When mixed gases are being combusted the maximum allowable emission limit from each stack shall be determined by the following equation:

$$EL = BF \times 2.67 \text{ lbs } SO_2/MMBTU$$

$$BF = \frac{\text{BTU content of coke oven gas}}{\text{BTU content of combined gas}}$$

(*3*) 18.68 pounds of sulfur dioxide per ton of process weight from any stack when any fuel is being combusted.

(*4*) 2309 tons of sulfur dioxide per any 365 day period from the seamless mills as a whole.

(C) For the boilerhouse, paragraphs (b)(40)(ix)(C) (*1*), (*2*), (*3*), (*4*) or (*5*) of this section apply in conjunction with paragraph (b)(40)(ix)(C) (*6*) of this section.

(*1*) 2.67 pounds of sulfur dioxide per million BTU actual heat input from any boiler unit when coke oven gas is being combusted.

(*2*) When mixed gases are being combusted the maximum allowable emission limit from each stack shall be determined by the following equation:

$$EL = BF \times 2.67 \text{ lbs } SO_2/\text{MMBTU}$$

$$BF = \frac{\text{BTU content of coke oven gas (from any boiler unit)}}{\text{BTU content of combined gas}}$$

(*3*) 1.06 pounds of sulfur dioxide per million BTU actual heat input from any boiler unit when fuel oil is being combusted.

(*4*) 0.93 pounds of sulfur dioxide per million BTU actual heat input from any boiler unit when tar is being combusted.

(*5*) 4.77 pounds of sulfur dioxide per million BTU actual heat input from any boiler unit when coal is being combusted.

(*6*) 4747 tons of sulfur dioxide per any continuous 365 day period from the boilerhouse as a whole plus the fraction of the 365 day period emission limitation for the seamless mills not consumed by emissions from the seamless mills in the same 365 day period.

(41) In Marion County:

(i) No owner or operator of any process equipment shall cause or permit the emissions of sulfur dioxide from any stack in excess of 4.20 pounds of sulfur dioxide per million BTU actual heat input.

(ii) No owner or operator of any fossil fuel-fired steam generating unit(s) shall cause or permit the emission of sulfur dioxide from any stack in excess of 6.10 pounds of sulfur dioxide per million BTU actual heat input.

(42) In Medina County, no owner or operator of any fossil fuel-fired steam generating unit shall cause or permit the emission of sulfur dioxide from any stack in excess of 8.00 pounds of sulfur dioxide per million BTU actual heat input.

(43) In Meigs County, no owner or operator of any process shall cause or permit the emission of sulfur dioxide from any stack in excess of 11.0 pounds of sulfur dioxide per ton of actual process weight input.

(44) In Mercer County, no owner or operator of any fossil fuel-fired steam generating unit(s) shall cause or permit the emission of sulfur dioxide from any stack in excess of 8.00 pounds of sulfur dioxide per million BTU actual heat input.

(45) In Miami County:

(i) No owner or operator of any fossil fuel-fired steam generating unit, unless otherwise specified in this subparagraph, shall cause or permit the emission of sulfur dioxide from any stack in excess of 3.20 pounds of sulfur dioxide per million BTU actual heat input.

(ii) No owner or operator of any process shall cause or permit the emission of sulfur dioxide from any stack in excess of 65.0 pounds of sulfur dioxide per ton of actual process weight input.

(iii) No present or subsequent owner of the Piqua Municipal Power Plant located in Miami County, Ohio shall cause or permit the emission of sulfur dioxide from any stack in excess of 4.76 pounds of sulfur dioxide per million BTU of actual heat input.

(iv) In lieu of meeting paragraph (b)(45)(iii) of this section, the Piqua Municipal plant may elect, in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy all of the following equations:

$$(1)\ .0730(EL_1 + EL_2) + .0628\ EL_3 \leq 1$$
$$(2)\ .0700(EL_1 + EL_2) + .0663\ EL_3 \leq 1$$

where EL_i is the emission limitation (pounds per million BTU) per stack i and i is the stack number. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1, 2
2	3
3	4

(46) In Montgomery County, no owner or operator of any fossil fuel-fired steam generating unit(s), unless otherwise specified in this paragraph, shall cause or permit sulfur dioxide emissions in excess of the rates specified below:

(i) 1.60 pounds sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam generating units.

(ii) The Dayton Power and Light Company or any subsequent owner or operator of the Yankee Substation and the Monument Substation located in Montgomery County, Ohio, shall not cause or permit the emission of sulfur dioxide from any diesel oil-fired electric generating unit stack at these stations in excess of 0.65 pound of sulfur dioxide per million BTU actual heat input.

(iii) The Dayton Power and Light Company or any subsequent owner or operator of the Tait Power Plant in Montgomery County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Tait Plant in excess of 1.25 pounds of sulfur dioxide per million BTU actual heat input for coal-fired units and 0.65 pound of sulfur dioxide per million BTU actual heat input for diesel oil-fired electric generating units.

(iv) The Dayton Power and Light Company or any subsequent owner or operator of the Hutchings Power Plant in Montgomery County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Hutchings Plant in excess of 1.20 pounds of sulfur dioxide per million BTU actual heat input for coal-fired units and 0.65 pound sulfur dioxide per million BTU actual heat input for diesel oil-fired electric generating units.

(v) In lieu of meeting paragraph (b)(46)(iv) of this section, for the coal-fired units, the Dayton Power and Light Company may elect, in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy the following equation:

$$(1)\ 0.230\ EL_1+0.297\ EL_2+0.306\ EL_3<1$$

where EL_i is the emission limitation (pounds per million BTU) per stack i and i is the stack number. For purpose of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1, 2
2	3, 4
3	5, 6

(vi) The Delco Corporation or any subsequent owner or operator of the Moraine facility in Montgomery County, Ohio, shall not cause or permit the emission of sulfur dioxide from any fossil fuel-fired steam generating unit stack at the Moraine facility in excess of 1.30 pounds of sulfur dioxide per million BTU actual heat input.

(vii) The Defense Electronics Supply facility, or any subsequent owner or operator of this facility in Montgomery County, Ohio shall not cause or permit the emission of sulfur dioxide from any fossil fuel-fired steam generating unit stack at the facility in excess of 0.95 pound of sulfur dioxide per million BTU actual heat input.

(viii) No owner or operator of any process equipment shall cause or permit the emission from any stack any process gas stream containing sulfur dioxide in excess of 2.60 pounds of sulfur dioxide per ton of actual process weight input.

(47) In Morgan County:

(i) The Ohio Power Company or any subsequent owner or operator of the Muskingum River Power Plant in Washington and Morgan Counties, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Muskingum River plant in excess of 6.48 pounds of sulfur dioxide per million BTU actual heat input.

(ii) In lieu of meeting paragraph (b)(47)(i) of this section, the Ohio Power Company may elect, in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy all the following equations:

$$(A)\ 0.0773\ EL_1 + 0.0622\ EL_2 \leq 1$$
$$(B)\ 0.0640\ EL_1 + 0.0902\ EL_2 \leq 1$$

where EL_i is the emission limitation (pounds per million BTU) per stack i, and i is the stack number. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1, 2, 3, 4
2	5

(48) In Muskingum County:

(i) The Ohio Power Company or any subsequent owner or operator of the Philo Power Plant in Muskingum County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Philo plant in excess of 1.14 pounds of sulfur dioxide per million BTU actual heat input.

(ii) In lieu of meeting paragraph (b)(48)(i) of this section, the Ohio Power Company may elect, in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy all of the following equations:

$$(A)\ 0.3288\ EL_1 + 0.3301\ EL_2 + 0.1583\ EL_3 \leq 1$$
$$(B)\ 0.3588\ EL_1 + 0.3605\ EL_2 + 0.1557\ EL_3 \leq 1$$

where EL_i is the emission limitation (pounds per million BTU) per stack i and i is the stack number. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
4	41, 42, 34, 38
5	51, 52
6	6

(iii) No owner or operator of any process equipment in Muskingum County, Ohio, shall cause or permit the emission of sulfur dioxide from any stack in excess of 58.0 pounds of sulfur dioxide per ton of actual process weight input.

(49) In Ottawa County:

(i) No owner or operator of any fossil fuel steam generating unit shall cause or permit the emission of sulfur dioxide from any stack in excess of 5.90 pounds of sulfur dioxide per million BTU actual heat input.

(ii) No owner or operator of any process equipment shall cause or permit the emission of sulfur dioxide from any stack in excess of that permitted by the following equation:

$$EL = 47.404P^{-0.520}$$

where EL is the allowable emission rate in pounds of sulfur dioxide per ton of actual process weight input and P is the design process weight input rate in tons per hour.

(50) In Paulding County, no owner or operator of any process equipment shall cause or permit the emission of sulfur dioxide from any stack in excess of 43.0 pounds of sulfur dioxide per ton of actual process weight input.

(51) In Pickaway County:

(i) The Columbus and Southern Ohio Power Company or any subsequent owner or operator of the Picway Power Plant in Pickaway County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Picway plant in excess of 6.04 pounds sulfur dioxide per million BTU actual heat input.

(ii) In lieu of meeting paragraph (b)(51)(i) of this section, the Columbus and Southern Ohio Power Company may elect, in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy all of the following equations:

$$(A)\ 0.0764\ EL_1 + 0.0759\ EL_2 + 0.0133\ EL_3 \leq 1$$
$$(B)\ 0.0487\ EL_1 + 0.0484\ EL_2 + 0.0522\ EL_3 \leq 1$$

where EL_i is the emission limitation (pounds per million BTU) per stack i, and i is the stack number. For purpose of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	3
2	4
3	5

(iii) No owner or operator of any oil-fired steam generating unit in Pickaway County, Ohio shall cause or permit the emission of sulfur dioxide from any stack in excess of 0.85 pound of sulfur dioxide per million BTU actual heat input.

(52) The Portsmouth Gaseous Diffusion Plant in Pike County or any subsequent owner or operator of its fossil fuel-fired steam generating unit shall not cause or permit the emission of sulfur dioxide from any stack in excess of 2650.1 nanograms of sulfur dioxide per joule (6.16 lbs. SO_2/MMBTU).

(53) In Richland County:

(i) No owner or operator of any process equipment shall cause or permit emissions of sulfur dioxide in excess of 7.10 pounds of sulfur dioxide per ton of actual process weight input.

(ii) The Westinghouse Electric Company, or any subsequent owner or operator of the Westinghouse Electric Company facility at Richland County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 4.50 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The General Motors Corporation, or any subsequent owner or operator of the Fisher Body Division Plant at Richland County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 3.10 pounds of sulfur dioxide per million BTU of actual heat input.

(iv) The City of Shelby, or any subsequent owner or operator of the Shelby Municipal Power Plant at Richland County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 9.3 pounds of sulfur dioxide per million BTU actual heat input.

(54) In Ross County, the Mead Corporation or any subsequent owner or operator of the Mead Corporation facilities at Ross County, Ohio shall not cause or permit emission of sulfur dioxide from any stack in excess of the following rates:

(i) 4.90 pounds of sulfur dioxide per ton of actual solids input.

(ii) 0.00 pound of sulfur dioxide per million BTU actual heat input for stacks 1, 2, 3, and 4. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1.
2	2.
3	3.
4	Chilpalco No. 5.

(55) In Sandusky County:

(i) No present or subsequent owner or operator of any fossil fuel-fired steam generator unit(s) shall cause or permit emissions of sulfur dioxide from any stack in excess of 7.00 pounds of sulfur dioxide per million BTU actual heat input.

(ii) The J.E. Baker Company or any subsequent owner or operator of the J.E. Baker Company facilities in Sandusky County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 48.75 tons of sulfur dioxide per ton of actual process weight input.

(iii) The Woodville Lime Company, or any subsequent owner or operator of the Woodville Lime Company facilities in Sandusky County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 8.48 pounds of sulfur dioxide per ton of actual process weight input.

(iv) The Martin Marietta Company or any subsequent owner or operator of the Martin Marietta facilities in Sandusky County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 15.42 pounds of sulfur dioxide per ton of actual process weight input.

(v) The Ohio Lime Company or any subsequent owner or operator of the Ohio Lime Company facilities in Sandusky County, Ohio shall not cause or permit emissions of sulfur dioxide from any stack in excess of 17.04 pounds of sulfur dioxide per ton of actual process weight input.

(56) In Scioto County:

(i) Empire Detroit Steel or any subsequent owner or operator of the Empire Detroit Steel coke oven facility at Scioto County, Ohio shall not cause or permit the combustion of by-product coke oven gas from any stack containing a total sulfur content expressed as hydrogen sulfide in excess of 800 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas or the emission of sulfur dioxide from any stack in excess of 4.10 pounds of sulfur dioxide per million BTU actual heat input.

(ii) No owner or operator of any oil-fired steam generating unit shall cause or permit the emission of sulfur dioxide from any stack in excess of 0.60 pound of sulfur dioxide per million BTU actual heat input.

(iii) No owner or operator of any coal-fired steam generating unit shall cause or permit the emission of sulfur dioxide from any stack in excess of 6.90 pounds of sulfur dioxide per million BTU actual heat input.

(57) In Seneca County:

(i) No present or any subsequent owner or operator of any fossil fuel-fired steam generating unit(s) at Seneca County, Ohio shall cause or permit the emissions of sulfur dioxide from any stack in excess of the limits specified below:

(A) 1.20 pounds of sulfur dioxide per million BTU actual heat input for oil fired units.

(B) 8.20 pounds of sulfur dioxide per million BTU actual heat input for coal fired units.

(ii) No present or any subsequent owner or operator of process equipment, unless otherwise specified in this paragraph, shall cause or permit the emissions of sulfur dioxide from any stack in excess of 34.0 pounds of sulfur dioxide per ton of actual process weight input.

(iii) The Union Carbide Corporation, or any subsequent owner or operator of the Union Carbide Corporation facilities at Seneca County, Ohio shall not cause or permit emissions of sulfur dioxide from any stack in excess of the limits specified below:

(A) 552 pounds of sulfur dioxide per ton of actual process weight input at the calcining furnace.

(B) 176 pounds of sulfur dioxide per ton of actual process weight input at the activating furnace.

(58) In Stark County, no owner or operator of the following types of facilities, unless otherwise specified in this paragraph, shall cause or permit emission of sulfur dioxide from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units between 10.0 and 60.0 million BTU per hour total rated capacity of heat input, the emission rate in pounds of sulfur dioxide per million BTU actual heat input shall be calculated by the following equation:

$$EL=18.48Q_m^{-0.4886}$$

where Q_m is the total rated capacity of heat input in million BTU per hour and *EL* is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating units equal to or greater than 60 million BTU per hour total rated capacity of heat input: 2.50 pounds of sulfur dioxide per million BTU actual heat input.

(iii) Republic Steel Corporation or any subsequent owner or operator of the Massillon facilities in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide from any fossil fuel-fired steam generating unit stack at the Massillon facility in excess of 4.40 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The present or any subsequent owner or operator of the Massillon State Hospital facilities in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 5.20 pounds of sulfur dioxide per million BTU actual heat input.

(v) The present or any subsequent owner or operator of the Grief Board Company facilities in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 0.50 pound of sulfur dioxide per million BTU actual heat input.

(vi) The present or subsequent owner or operator of the Timken Company facilities in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide from any fossil fuel-fired steam-generating unit(s) stack at this facility in excess of the rates specified below:

(A) 3.08 pounds of sulfur dioxide per million BTU actual heat input for the stack common to the fossil fuel-fired steam-generating units B001 and B002 at the Canton plant.

(B) 0.93 pounds of sulfur dioxide per million BTU actual heat input for the fossil fuel-fired steam-generating unit B003 at the Canton plant.

(C) 0.0 pounds of sulfur dioxide per million BTU actual heat input for the fossil fuel-fired steam-generating units B003 and B004 at the Gambrinus Plant.

(D) 0.67 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating units at the Gambrinus Plant unless otherwise specified in this paragraph.

(vii) No owner or operator of any by-product coke oven operating in Stark County, Ohio shall cause or permit the combustion of by-product coke oven gas containing a total sulfur content expressed as hydrogen sulfide in excess of 350 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas or the emission of sulfur dioxide from any stack in excess of 1.70 pounds of sulfur dioxide per million BTU actual heat input.

(viii) No owner or operator of any process equipment in Stark County, Ohio shall cause or permit the emission of sulfur dioxide from any stack in excess of 80.0 pounds of sulfur dioxide per ton of actual process weight input.

(ix) The Ashland Oil Company, or any subsequent owner or operator of the Ashland Oil Company facilities in Stark County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of the emission limitations listed below:

(A) 0.025 pounds of sulfur dioxide per million BTU actual heat input for units 4-0-B-3, 4-2-B-1, 4-2-B-2, and 4-27-B-1.

(B) 1.00 pounds of sulfur dioxide per million BTU actual heat input for all process heaters and fossil fuel-fired steam-generating units unless otherwise specified in this paragraph.

(C) 0.62 pounds of sulfur dioxide per 1,000 pounds of charging stack for catalytic cracking units.

(D) 2.00 pounds of sulfur dioxide per 100 pounds of sulfur processed for sulfur recovery plants.

(E) Only two of the following three units may be operated simultaneously: 4-16-B-1, 4-16-B-2, and 4-16-B-12.

(x) The present or any subsequent owner or operator of the Hoover Co. in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide in excess of 8.0 pounds of sulfur dioxide per million BTU actual heat input for the coal-fired boiler and 0.4 pounds of sulfur dioxide per million BTU actual heat input for the gas-fired boiler.

(59) In Summit County, no owner or operator of the following types of facilities, unless otherwise specified in this subparagraph, shall cause or permit emissions of sulfur dioxide from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units between 10.0 and 300 million BTU per hour total rated capacity of heat input, the emission rate in pounds of sulfur dioxide per million BTU actual heat input shall be calculated by the following equation:

$$EL = 17.55\ Q_m^{-0.3933}$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating unit(s) equal to or greater than 300 million BTU per hour total rated capacity of heat input, 1.80 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The present or any subsequent owner or operator of the Diamond Crystal facility in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from coal-fired boilers at this facility in exess of 4.72 pounds of sulfur dioxide per million BTU of actual heat input or the emission of sulfur dioxide from oil-fired boilers at this facility in excess of 0.30 pound of sulfur dioxide per million BTU of actual heat input.

(iv) The present or any subsequent owner or operator of the Kittinger Supply Co. (formerly known as Akwell Industries) facility in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from oil-fired —oilers at this facility in excess of 0.80 pound of sulfur dioxide per million BTU of actual heat input or the emission of sulfur dioxide from coal-fired boilers at this facility in excess of 2.38 pounds of sulfur dioxide per million BTU of actual heat input.

(v) The present or subsequent owner or operator of the Ohio Brass Company facilities in Summit County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 4.20 pounds of sulfur dioxide per million BTU actual heat input.

(vi) The present or subsequent owner or operator of the Seiberling Rubber Co. facilities in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 1.46 pounds of sulfur dioxide per million BTU actual heat input.

(vii) The present or subsequent owner or operator of the Firestone Tire & Rubber Co. facilities in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of the rates specified below:

(A) 1.76 pounds of sulfur dioxide per million BTU of actual heat input from boiler 21 when oil fired and 2.87 pounds of sulfur dioxide per million BTU of actual heat input from boilers 22 and 23 when coal fired.

(B) In lieu of meeting paragraph (59)(vii)(A) of this paragraph (b), the Firestone Tire and Rubber Co. may elect to comply with the alternate emission limitation of 2.20 pounds of sulfur dioxide per million BTU of actual heat input from boilers 21, 22, and 23 when all are oil fired.

(C) Firestone Tire & Rubber Co. or any subsequent owner or operator of the Firestone Tire & Rubber facilities located in Summit County, Ohio, shall operate no more than two of the boilers, 21, 22, or 23 simultaneously whether complying with either § 52.1881 (b) (59) (vii) (A) or § 52.1881 (b) (59) (vii) (B).

(viii) The present or subsequent owner or operator of the B. F. Goodrich Co. facilities in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of the rates specified below:

(A) 0.51 pound of sulfur dioxide per million BTU actual heat input for oil-fired boiler 31.

(B) 5.54 pounds of sulfur dioxide per million BTU actual heat input for coal-fired boilers 27 and 32.

(C) The B. F. Goodrich Co. or any subsequent owner or operator of the B. F. Goodrich facilities in Summit County, Ohio, shall not operate boiler 27 simultaneously with boiler 32.

(ix) The Goodyear Tire & Rubber Co. or any subsequent owner or operator of the Goodyear facilities in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack in excess of the rates specified below:

(A) 4.47 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating unit B001 located at plant I.

(B) 0.50 pound of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating units B002 and B003 located at plant I.

(C) 160 pounds of sulfur dioxide per 1,000 pounds of sulfur processed, for the sulfur recovery unit(s).

(D) for Plant II boilers:

(*1*) 2.24 pounds of sulfur dioxide per million BTU actual heat input for coal-fired boilers A and B exiting through stack 4.

(*2*) 2.24 pounds of sulfur dioxide per million BTU actual heat input for coal-fired boiler C exiting through stack 5.

(*3*) 2.24 pounds of sulfur dioxide per million BTU acutal heat input for coal-fired boiler D exiting through stack 6.

(E) In lieu of meeting paragraph (59)(ix)(D) of this paragraph (b), The Goodyear Tire and Rubber Company may elect to comply with the alternate emission limitations and opeating conditions specified below for Plant II boilers, provided the General Tire and Rubber Company or any subsequent owner or operator of the General Tire facilities in Summit County, Ohio complies with § 52.1881(b)(xviii)(D):

(*1*) The Goodyear Tire and Rubber Company shall not cause or permit the emission of sulfur dioxide from any stack in excess of the rates specified below:

(*i*) 4.64 pounds of sulfur dioxide per million BTU actual heat input for coal-fired boilers A, B, and C exiting through stack 4.

(*ii*) 4.64 pounds of sulfur dioxide per million BTU actual heat input for coal-fired boiler D exiting through stack 6.

(*2*) The Goodyear Tire and Rubber Company shall operate no more than three of the boilers A, B, C, or D simultaneously.

(*3*) The Goodyear Tire and Rubber Company shall not operate boiler D simultaneously with boilers A and B.

(x) The present or any subsequent owner or operator of the Tecumseh Company facilities in Summit County, Ohio shall not cause or permit sulfur dioxide emissions from fossil fuel-fired steam generating unit(s) in excess of the rates specified below:

(A) 1.70 pounds sulfur dioxide per million BTU actual heat input for coal-fired units, and

(B) 0.70 pound sulfur dioxide per million BTU actual heat input for oil-fired unit(s).

(xi) The Ohio Edison or any subsequent owner or operator of the Ohio Edison Co.'s Beech Street power station in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Beech Street plant in excess of 2.79 pounds of sulfur dioxide per million BTU actual heat input.

(xii) The Ohio Edison Co. or any subsequent owner or operator of the Ohio Edison Co.'s Gorge plant in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Gorge plant in excess of 4.07 pounds of sulfur dioxide per million BTU actual heat input.

(xiii) No owner or operator of any process equipment, unless otherwise specified in this paragraph, shall cause or permit the emission of sulfur dioxide from any stack containing sulfur dioxide in excess of 17.0 pounds of sulfur dioxide per ton of actual process weight input.

(xiv) PPG Industries or any subsequent owner or operator of the PPG Industries facilities in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of the rates specified below:

(A) 3.80 pounds of sulfur dioxide per million BTU of actual heat input.

(B) PPG Industries, Inc., or any subsequent owner or operator of the PPG facility located in Summit County, Ohio, shall be permitted to operate in only one of the following three configurations at any given time:

(*1*) Boilers No. 11, 12 and one stoker on; the remaining five stokers off.

(*2*) Boiler No. 12 and two stokers on; boiler No. 11 and the remaining four stokers off.

(*3*) Boiler No. 11 and three stokers on; boiler No. 12 and the remaining three stokers off.

(xv) PPG Industries, or any subsequent owner or operator of the PPG Industries, Inc., Columbia Cement Plant, located in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack in excess of 0.0 pounds of sulfur dioxide per ton actual process weight input for the kilns.

(xvi) The present or any subsequent owner or operator of the Midwest Rubber Co. in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess 1.80 pounds of sulfur dioxide per million BTU actual heat input.

(xvii) The present or any subsequent owner or operator of the Terex Division of General Motors Corp. in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 0.85 pounds of sulfur dioxide per million BTU actual heat input.

(xviii) The present or any subsequent owner or operator of the General Tire & Rubber Co. in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of the rates specified below:

(A) 0.46 pound of sulfur dioxide per million BTU actual heat input for oil-fired boiler 1 when exiting through stack S-35.

(B) 0.46 pound of sulfur dioxide per million BTU actual heat input for oil-fired boiler 2 when exiting through stack S-36.

(C) 0.46 pound of sulfur dioxide per million BTU actual heat input for oil-fired boiler 3 when exiting through stack S-37.

(D) In lieu of meeting paragraph (59)(xviii) (A), (B), and (C) of this paragraph (b), The General Tire and Rubber Company may elect to comply with the alternate emission limitations and operating conditions specified below, provided the Goodyear Tire and Rubber Company or any owner of operator of the Goodyear Tire and Rubber Plant II facilities in Summit County, Ohio, complies with § 52.1881(b)(ix)(E):

(*1*) The General Tire and Rubber Company shall not cause or permit the emission of sulfur dioxide from any stack in excess 2.47 pounds of sulfur dioxide per million BTU actual heat input for oil-fired boilers 1, 2, and 3 when exiting through one-175 foot stack consistent with section 123 of the Clean Air Act, as amended.

(xix) The present or any subsequent owner or operator of the Goodyear Aerospace Co. in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at AB boilerhouse of this facility in excess of 1.10 pounds of sulfur dioxide per million BTU of actual heat input or the emission of sulfur dioxide from any stack at D boilerhouse of the facility in excess of 1.83 pounds of sulfur dioxide per million BTU of actual heat input.

(xx) The present or any subsequent owner or operator of the B. F. Goodrich Chemical Co. in Summit County, Ohio, shall not cause the emission of sulfur dioxide from any stack at this facility in excess of 5.22 pounds of sulfur dioxide per million BTU actual heat input.

(xxi) The present or any subsequent owner or operator of the Chrysler Corp. in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of the rates specified below:

(A) 0.86 pound of sulfur dioxide per million BTU actual heat input for boiler No. B001.

(B) 1.19 pounds of sulfur dioxide per million BTU actual heat input for boilers Nos. B002 and B003.

(60) In Trumbull County:

(i) No owner or operator, unless otherwise specified in the paragraph, shall cause or permit the emission of sulfur dioxide from any stack in excess of 3.00 pounds of sulfur dioxide per million BTU actual heat input for coal-fired steam generating units.

(ii) No owner or operator, unless otherwise specified in this paragraph, shall cause or permit the emission of sulfur dioxide from any stack in excess of 1.00 pound of sulfur dioxide per million BTU actual heat input for oil-fired steam generating units.

(iii) The Republic Steel Corporation or any subsequent owner or operator of the Republic Steel facilities in Trumbull County, Ohio, shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of the rates specified below:

(A) 2.30 and 1.00 pounds of sulfur dioxide per million BTU actual heat input from fossil fuel-fired steam-generating units numbers B001, and B002 respectively. Boiler B003 is subject to the prevention of significant deterioration regulations and will receive an emission limit consistent with best available control technology requirements that will be specified as a condition in its pending construction permit. All other fossil fuel-fired steam generator units are limited to 0.00 pounds of sulfur dioxide per million BTU.

(B) 1.44 pounds of sulfur dioxide per ton of product at the Sinter plant.

(C) 0.00 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas from coke ovens number 1 and 2. Coke battery number 4 is subject to the prevention of significant deterioration regulation with an emission limitation prohibiting the combustion of coke oven gas unless it contains a concentration of sulfur compounds, expressed as H_2S, of less than 35 grains per 100 dry standard cubic feet of coke oven gas produced.

(iv) [Reserved]

(v) No owner or operator of any process, unless otherwise specified in this paragraph, shall cause or permit the emission of sulfur dioxide from any stack in excess of 2.00 pounds of sulfur dioxide per million BTU of actual heat input to the process operation.

(vi) The Ohio Edison Company or any subsequent owner or operator of the Niles Power Plant located in Trumbull County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 5.41 pounds of sulfur dioxide per million BTU of actual heat input.

(vii) In lieu of meeting paragraph b(60)(vi) of this section, the Ohio Edison Company may elect, in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy the following equation:

(A) $0.0923\ (EL_1 + EL_2) \leq 1$

where EL_i is the emission limitation (pounds per million BTU) per stack i and i is the stack number. For purpose of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1
2	2

(viii) The United States Steel Corporation or any subsequent owner or operator of the McDonald Mills in Trumbull County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the McDonald Mills in excess of 0.50 pound of sulfur dioxide per million BTU actual heat input.

(ix) The General Motors Packard Electric Division or any subsequent owner or operator of the General Motors facilities in Trumbull County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 1.10 pounds of sulfur dioxide per million BTU actual heat input for oil-fired steam generating units.

(61) In Tuscarawas County:

(i) The present or subsequent owner or operator of the Dover Municipal Power Plant in Tuscarawas County, Ohio shall not cause or permit the emission of sulfur dioxides from any stack at this facility in excess of 4.60 pounds of sulfur dioxide per million BTU actual heat input.

(ii) No owner or operator of any process shall cause or permit the emission of sulfur dioxide from any stack in excess of 37.0 pounds of sulfur dioxide per ton of actual process weight input.

(62) In Vinton County, no owner or operator of any fossil fuel-fired steam generating unit shall cause or permit the emission of sulfur dioxide from any stack in excess of 4.80 pounds of sulfur dioxide per million BTU actual heat input.

(63) In Washington County:

(i) The Ohio Power Company or any subsequent owner or operator of the Muskingum River Power Plant in Morgan and Washington Counties, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Muskingum River Plant in excess of 6.48 pounds of sulfur dioxide per million BTU of actual heat input.

(ii) In lieu of meeting paragraph (b)(63)(i) of this section, the Ohio Power Company may elect, in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy all the following equations:

(A) $0.0773\ EL_1 + 0.0622\ EL_2 \leq 1$

(B) $0.0640\ EL_1 + 0.0902\ EL_2 \leq 1$

where EL_i is the emission limitation (pounds per million BTU) per stack i, and i is the stack number. For purposes of this regulation each stack is identified as follows:

Stack No	Boiler identification
1	1, 2, 3, 4
2	5

(iii) The Shell Oil Company or any subsequent owner or operator of the Shell Oil facilities at Washington County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 2.50 pounds of sulfur dioxide per million BTU actual heat input.

(64) In Wayne County, no present or subsequent owner or operator of fossil fuel-fired steam generating units at the facilities listed below shall cause or permit emissions of sulfur dioxide in excess of 7.00 pounds of sulfur dioxide per million BTU actual heat input:

(i) Morton Salt Company.

(ii) Packaging Corporation of America.

(iii) Orrville Municipal Power Plant.

(65) In Wood County, no owner or operator of any fossil fuel-fired steam generating unit or process operation heater shall cause or permit the emission of sulfur dioxide from any stack in excess of 1.10 pounds of sulfur dioxide per million BTU actual heat input.

(i) Bowling Green University or any subsequent owner of the Bowling Green facility in Wood County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 5.5 pounds of sulfur dioxide per million BTU actual heat input.

(Secs. 110 and 123 of the Clean Air Act, as amended (42 U.S.C. 7410 and 7423)

[39 FR 13542, Apr. 15, 1974]

EDITORIAL NOTE: For Federal Register citations to § 52.1881, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: At 47 FR 28377, June 30, 1982, § 52.1881(a)(4) and (8) were amended effective July 30, 1982.

§ 52.1882 Compliance schedules.

(a) Federal compliance schedules. (1) Except as provided in paragraph (a)(5) of this section, the owner or operator of any process equipment subject to applicable paragraphs of § 52.1881(b), shall comply with the compliance schedule in paragraph (a)(2) of this section.

(2) Any owner or operator of any process equipment subject to applicable paragraphs of § 52.1881(b) of this chapter shall take the following actions to comply with the requirements of said regulation with respect to that source no later than the date specified.

(i) 8 weeks from the date of promulgation—Submit preliminary control plans to the Administrator.

(ii) 25 weeks from the date of promulgation—Submit final control plan to the Administrator.

(iii) 34 weeks from the date of promulgation—Award contracts for emissions control systems or process modification, or issue orders for purchase of component parts to accomplish emission control or process modification and notify the Administrator in writing that such action was taken.

(iv) 52 weeks from the date of promulgation—Initiate on-site construction or installation of emission control equipment or process change and notify the Administrator in writing that such action was taken.

(v) 139 weeks from the date of promulgation—Complete construction or installation of emission control equipment or process change and notify the Administrator in writing that such action was taken.

(vi) 154 weeks from the date of promulgation—Complete shakedown operations and performance test on source, submit performance test results to the Administrator and achieve final compliance with § 52.1881(b) of this chapter, as applicable.

(3) Except as provided in paragraph (a)(5) of this section, the owner or operator of any stack venting any fossil fuel-fired steam generating unit(s) subject to § 52.1881(b) of this chapter shall comply the applicable compliance schedule in paragraph (a)(4) of this section.

(4) (i) The owner or operator of any stack venting any fossil fuel fired steam generating unit(s) subject to § 52.1881(b) of this chapter who elects to comply with an applicable optional emission limitation specified in § 52.1881(b) of this chapter, shall notify the Administrator no later than eight weeks after the date of this promulgation of the specific emission limitations selected. Failure to select applicable optional emission limitations shall result in the facility being subject to the single uniform emission limitation for all stacks at that facility specified in § 52.1881(b). Notice received later than eight weeks after the date of promulgation shall be invalid.

(ii) The owner or operator of any fossil fuel-fired steam generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter shall notify the Administrator no later than eight weeks after the date of promulgation of his intent to utilize either low-sulfur fuel including blended or washed coal or flue gas desulfurization to comply with the requirements of said regulation.

(iii) Any owner or operator of any stack venting any fossil fuel-fired steam generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter who elects to utilize low-sulfur fuel including blended or washed coal to comply with the requirements of said regulation shall take the following actions with respect to that source no later than the date specified:

(*a*) 8 weeks from the date of promulgation—Submit to the Administrator a projection for 10 years of the amount of fuel by types that will be substantially adequate to enable compliance with § 52.1881(b) of this chapter, as applicable.

(*b*) 32 weeks from the date of promulgation—Submit data demonstrating the availability of the fuel meeting the requirements projected in paragraph (a)(4)(iii)(*a*) of this section, to the Administrator.

(*c*) 36 weeks from the date of promulgation—Submit a statement to the Administrator as to whether boiler modifications will or will not be required. If modifications will be required, submit plans for such modifications.

(*d*) 50 weeks from the date of promulgation—Let contracts for necessary boiler modifications, if applicable, and notify the Administrator in writing that such action was taken.

(*e*) 60 weeks from the date of promulgation—Initiate on-site modifications, if applicable, and notify the Administrator in writing that such action was taken.

(*f*) 118 weeks from the date of promulgation—Complete on-site modification, if applicable, and notify the Administrator in writing that such action was taken.

(*g*) 122 weeks from the date of promulgation—Achieve final compliance with the emission limitation of § 52.1881(b) of this chapter, as applicable, and notify the Administrator in writing that such action was taken.

(iv) Any owner or operator of any stack venting any fossil fuel-fired steam generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter who elects to utilize flue gas desulfurization to comply with the requirements of said regulations shall take the following actions with respect to the source no later than the date specified.

(*a*) 17 weeks from the date of promulgation—Let necessary contracts for construction and notify the Administrator in writing that such action was taken.

(*b*) 61 weeks from the date of promulgation—Initiate on-site construction and notify the Administrator in writing that such action was taken.

(*c*) 145 weeks from the date of promulgation—Complete on-site construction and notify the Administrator in writing that such action was taken.

(*d*) 156 weeks from the date of promulgation—Complete shakedown operations and performance test on source, submit performance test results to the Administrator and achieve final compliance with § 52.1881(b) of this chapter, as applicable.

(5) (i) None of the preceding paragraphs of this paragraph shall apply to any owner or operator of a source which is presently in compliance with the applicable paragraphs of § 52.1881(b) of this chapter.

(ii) Any owner or operator of a source capable of emitting 100 tons of sulfur dioxide per year from all stacks at any facility who is presently in compliance with the applicable paragraphs of § 52.1881(b) of this chapter shall so certify to the Administrator by four weeks from the date of promulgation.

(iii) Any owner or operator subject to a compliance schedule in this paragraph who elects to achieve compliance by means not covered by this paragraph may submit to the Administrator no later than six weeks from the date of promulgation a proposed alternative compliance schedule. For process equipment subject to applicable paragraphs of § 52.1881(b) of this chapter no such compliance schedule may provide for final compliance after the final compliance date in paragraph (a)(2) of this section. For any stack venting any fossil fuel-fired steam generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter, which will utilize low-sulfur fuel including blended or washed coal to comply with the requirements of said regulations, no such compliance schedule may provide for final compliance after final compliance date in paragraph (a)(4)(iii) of this section. For any stack venting any fossil fuel-fired steam generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter, which will utilize flue gas desulfurization to comply with the requirements of said regulations, no such compliance schedule may provide for final compliance after the final compliance date in paragraph (a)(4)(iv) of this section.

(iv) Any owner or operator of any process equipment subject to applicable paragraphs of § 52.1881(b) of this chapter who submits an alternative compliance schedule pursuant to § 52.1882(a)(5)(iii) of this chapter shall remain subject to the provisions of § 52.1882(a)(2) of this chapter until the alternative schedule is approved by the Administrator.

(v) Any owner or operator of any stack venting any fossil fuel-fired steam generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter who submits an alternative compliance schedule pursuant to § 52.1881(a)(5)(iii) of this chapter shall remain subject to the provisions of § 52.1882(a)(4) of this chapter until the alternative schedule is approved by the Administrator.

(6) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedules in paragraph (d)(2), or (4) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(b) Federal compliance schedule for petitioners in *Buckeye Power, Inc. et al.* v. *USEPA*, No. 76-2090 et al.

(1) Except as provided in paragraph (b)(5) of this section, the owner or operator of any process equipment subject to applicable paragraphs of § 52.1881(b) shall comply with the compliance schedule in paragraph (b)(2) of this section.

(2) Any owner or operator of any process equipment subject to applicable paragraphs of § 52.1881(b) of the chapter shall take the following actions to comply with the requirements of said regulation with respect to that source no later than the date specified.

(i) 8 weeks from June 17, 1977: Submit preliminary control plans to the Administrator.

(ii) 25 weeks from June 17, 1977: Submit final control plan to the Administrator.

(iii) 34 weeks from June 17, 1977: Award contracts for emissions control systems or process modification, or issue orders for purchase of component parts to accomplish emission control or process modification and notify the Administrator in writing that such action was taken.

(iv) 52 weeks from June 17, 1977: Initiate on-site construction or installation of emission control equipment or process change and notify the Administrator in writing that such action was taken.

(v) 139 weeks from June 17, 1977: Complete construction or installation of emission control equipment or process change and notify the Administrator in writing that such action was taken.

(vi) 154 weeks from June 17, 1977: Complete shakedown operations and performance test on source, submit performance test results to the Administrator and achieve final compliance with § 52.1881(b) of this chapter, as applicable.

(3) Except as provided in paragraph (5) of this paragraph (b), the owner or operator of any stack venting any fossil fuel-fired steam-generating unit(s) subject to § 52.1881(b) of this chapter shall comply with the applicable compliance schedule in paragraph (b)(4) of this section.

(4) (i) The owner or operator of any stack venting any fossil fuel-fired steam generating unit(s) or process subject to § 52.1881(b) of this chapter who elects to comply with an applicable optional emission limitation specified in § 52.1881(b) of this chapter, shall notify the Administrator no later

than 17 weeks after June 17, 1977 of the specific emission limitations selected. Failure to select applicable optional emission limitations shall result in the facility being subject to the single uniform emission limitation for all stacks at that facility specified in § 52.1881(b). Notice received later than 17 weeks after June 17, 1977 shall be invalid.

(ii) The owner or operator of any fossil fuel-fired steam generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter shall notify the Administrator no later than 17 weeks after June 17, 1977 of his intent to utilize either low-sulfur fuel including blended or washed coal or flue gas desulfurization to comply with the requirements of said regulation.

(iii) Any owner or operator of any stack venting any fossil fuel-fired steam generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter who elects to utilize low sulfur fuel including blended or washed coal to comply with the requirements of said regulation shall take the following actions with respect to that source no later than the date specified:

(A) 17 weeks after June 17, 1977: Submit to the Administrator a projection for ten years of the amount of fuel by types that will be substantially adequate to enable compliance with § 52.1881(b) of this chapter, as applicable.

(B) 32 weeks from June 17, 1977: Submit data demonstrating the availability of the fuel meeting the requirements projected in paragraph (a) of this section to the Administrator.

(C) 36 weeks after June 17, 1977: Submit a statement to the Administrator as to whether boiler modifications will or will not be required. If modifications will be required, submit plans for such modifications.

(D) 50 weeks from June 17, 1977: Let contracts for necessary boiler modifications, if applicable, and notify the Administrator in writing that such action was taken.

(E) 60 weeks after June 17, 1977: Initiate on-site modifications, if applicable, and notify the Administrator in writing that such action was taken.

(F) 118 weeks from June 17, 1977: Complete on-site modification, if applicable, and notify the Administrator in writing that such action was taken.

(G) 122 weeks from June 17, 1977: Achieve final compliance with the emission limitation of § 52.1881(b) of this chapter, as applicable, and notify the Administrator in writing that such action was taken.

(iv) Any owner or operator of any stack venting any fossil fuel-fired steam generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter who elects to utilize flue gas desulfurization to comply with the requirements of said regulations shall take the following actions with respect to the source no later than the date specified.

(A) 17 weeks from June 17, 1977: Let necessary contracts for construction and notify the Administrator in writing that such action was taken.

(B) 61 weeks from June 17, 1977: Initiate on-site construction and notify the Administrator in writing that such action was taken.

(C) 145 weeks from June 17, 1977: Complete on-site construction and notify the Administrator in writing that such action was taken.

(D) 156 weeks from June 17, 1977: Complete shakedown operations and performance test on source, submit performance test results to the Administrator and achieve final compliance with § 52.1881(b) of this chapter, as applicable.

(5) (i) None of the preceding paragraphs of this section shall apply to any owner or operator of a source which is presently in compliance with the applicable paragraphs of § 52.1881(b) of this chapter.

(ii) Any owner or operator of a source capable of emitting 100 tons of sulfur dioxide per year from all stacks at any facility who is presently in compliance with the applicable paragraphs of § 52.1881(b) of this chapter shall so certify to the Administrator by four weeks from June 17, 1977.

(iii) Any owner or operator subject to a compliance schedule in this paragraph who elects to achieve compliance by means not covered by this paragraph may submit to the Administrator no later than six weeks from

June 17, 1977, a proposed alternative compliance schedule. For process equipment subject to applicable subparagraphs of § 52.1881(b) of this chapter no such compliance schedule may provide for final compliance after the final compliance date in paragraph (b)(2) of this section. For any stack venting any fossil fuel-fired steam-generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter, which will utilize low-sulfur fuel including blended or washed coal to comply with the requirements of said regulations, no such compliance schedule may provide for final compliance after final compliance date in paragraph (b)(4)(iii) of this section. For any stack venting any fossil fuel-fired steam-generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter, which will utilize flue gas desulfurization to comply with the requirements of said regulations, no such compliance schedule may provide for final compliance after the final compliance date in paragraph (b)(4)(iv) of this section.

(iv) Any owner or operator of any process equipment subject to applicable paragraphs of § 52.1881(b) of this chapter who submits an alternative compliance schedule pursuant to § 52.1882(b)(5)(iii) of this chapter shall remain subject to the provisions of § 52.1882(b)(2) of this chapter until the alternative schedule is approved by the Administrator.

(v) Any owner or operator of any stack venting any fossil fuel-fired steam-generating unit(s) subject to applicable paragraphs of § 52.1881(b) of this chapter who submits an alternative compliance schedule pursuant to § 52.1882(b)(5)(iii) of this chapter shall remain subject to the provisions of § 52.1882(b)(4) of this chapter until the alternative schedule is approved by the Administrator.

(6) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedules in paragraphs (b)(2) or (4) of this section fails to satisfy the requirements of § 51.15(b) and (c) of this chapter.

(7) Section 52.1882(b)(4)(iii)(G) is suspended for Cleveland Electric Illuminating Company's Eastlake and Avon Lake facilities pending final rulemaking on the June 12, 1979, (44 FR 33712) proposed revision to the Ohio State Implementation Plan, but in no event will the suspension extend beyond the plan attainment date of June 17, 1980.

(8) Federal compliance schedules for the Toledo Edison Acme Power Plant coal fired units and the Water Street Steam Plant oil fired units is as set forth in § 52.1882(b) except that § 52.1882(b)(4)(iii)(G) is changed, for these units only, as follows: April 15, 1980: Achieve final compliance with the emission limitation of § 52.1881(b) of this chapter, as applicable, and notify the Administrator in writing that such action was taken.

(c) Federal compliance schedule for Ashland Oil Company is set forth in § 52.1882(b), except that all references to June 17, 1977 are changed to September 14, 1979.

(d) Monitoring and reporting requirement for non-simultaneous operation.

(1) Any owner or operator of any source of sulfur dioxide subject to a provision of § 52.1881 of this chapter which limits the combination of point sources which the source may operate at any time shall, in addition to any other reporting requirements of this chapter, comply with the following:

(i) Install not later than the date by which compliance with the applicable emission limitation of § 52.1881 is required a device(s) to determine and record the time of operation of each such point source;

(ii) Retain such records for at least two years; and

(iii) Report to the Administrator within 30 days of each such occurence any period during which sources are operated in any combination not allowed by an applicable requirement of § 52.1881.

(e) (1) The Federal compliance schedule for sources in Summit County identified in § 52.1875, footnote "f" is set forth in § 52.1882(b) except that all references to June 17, 1977, are changed to January 4, 1980.

(2) The owner or operator of any fossil-fuel fired steam generating unit in Summit County with alternative emission limitations specified for one or more units at its facility in § 52.1881(b)(59) shall notify the Administrator no later than 17 weeks after January 4, 1980 of the applicable emission limitation selected.

Failure to indicate a selected emission limitation shall result in each unit at a facility being subject to the first emission limitation specified for that unit in the applicable regulation.

(f) The Federal Compliance schedule for the PPG Industries, Inc. boilers in Summit County, Ohio is set forth in § 52.1882(b) except that all references to June 17, 1977, are changed to August 25, 1980.

(g) Monitoring and reporting requirements for sources subject to reduced operating load requirements.

(1) Any owner or operator of any source of sulfur dioxide subject to a provision of § 52.1881 of this chapter which limits the operating level of any point source at any time shall, in addition to any other reporting requirements of this chapter, comply with the following:

(i) Install, not later than the date by which compliance with the applicable emission limitation of § 52.1881 is required, a device(s) to determine and record the level of operation of each such point source;

(ii) Retain such records for at least two years; and

(iii) Report to the Administrator within 30 days of each such occurrence any period during which any source is operated above the specified operating level allowed by an applicable requirement of § 52.1881.

(h) The federal compliance schedule for Ohio Power Company's Cardinal plant in Jefferson County and Muskingum River plant in Washington and Morgan Counties and Columbus and Southern Ohio Electric Company's Conesville plant in Coshocton County is set forth in § 52.1882(b) except that all references to June 17, 1977, are changed to June 19, 1980.

(i) If the owner or operator of the Columbus and Southern Ohio Electric Company's Conesville plant in Coshocton County elects to comply with the emission limitation set forth in § 52.1881(b)(21) by installing a coal-washing facility, the owner or operator shall meet the following compiiance schedule in lieu of meeting the compliance schedule set forth in § 52.1882(b).

(1) 4 weeks from date of promulgation of this schedule: Notify the Administrator of intent to use washed coal to comply with sulfur dioxide emission limitations for the Conesville steam plant; submit a projection for ten years of the amount of coal necessary to enable compliance at this facility; submit the quality specifications of the fuel that is to be used. Such specifications shall include sulfur content, ash content, heat and moisture content.

(2) 8 weeks from date of promulgation of this schedule: Submit data to the Administrator demonstrating the availability of fuel necessary to achieve compliance at the Conesville steam plant. Such data shall consist of copies of signed contracts with coal suppliers and/or signed contracts with a vendor pursuant to which the utility shall construct a coal preparation facility; submit statement to the Administrator as to whether boiler modifications at the Conesville steam plant will be required for combustion of the prepared (washed) complying coal. If boiler modifications are required, submit plans for such modifications.

(3) 8 weeks from date of promulgation of this schedule: If a coal preparation facility is to be constructed by the utility for preparing all or a portion of the fuel for combustion at the Conesville steam plant, submit to the Administrator a plant detailing actions to be taken to ensure completion of construction and startup in sufficient time to provide complying fuel for the final compliance date.

(4) 52 weeks from June 19, 1980: Complete engineering and specifications for the coal preparation facility.

(5) 64 weeks from June 19, 1980: Award contract for construction of the coal preparation facility providing incentives to the contractor to expedite the project.

(6) 108 weeks from June 19, 1980: Initiate on-site construction of the new coal preparation facility.

(7) 152 weeks from June 19, 1980: Complete construction of the coal preparation facility.

(8) 52 weeks from June 19, 1980: Submit to the Administrator a continuous monitoring plan detailing the equipment to be installed, equipment locations, and data reduction techniques as well as schedule of installation.

(9) 104 weeks from June 19, 1980: Complete installation and certification of sulfur dioxide monitors on stacks 1, 2 and 3 at the Conesville steam plant.

(10) 152 weeks from June 19, 1980: Complete any necessary boiler modifications to the Conesville steam plant units 1-4.

(11) 156 weeks (three years) from June 19, 1980: Achieve and demonstrate compliance at units 1-4 of the Conesville steam plant with the applicable emission limitation in § 52.1881 of this chapter.

(j) The Federal compliance schedule for the Portsmouth Gaseous Diffusion Plant in Pike County is set forth in § 52.1882(b) except that all references to June 17, 1977 are changed to (the effective date of promulgation).

(Sec. 110, Clean Air Act, as amended (42 U.S.C. 7410, 7502, 7601(a)))

[41 FR 36339, Aug. 27, 1976, as amended at 42 FR 27592, May 31, 1977; 44 FR 47772, Aug. 15, 1979; 45 FR 30069, May 7, 1980; 45 FR 49552, July 25, 1980; 45 FR 73929, Nov. 7, 1980; 46 FR 21769, Apr. 14, 1981; 46 FR 23927, Apr. 29, 1981; 46 FR 24948, May 4, 1981; 46 FR 49125, Oct. 6, 1981]

§ 52.1883 Maintenance of national standards.

(a) The requirements of § 51.12(e) of this chapter are not met because the State neither identified areas of the State that have the potential for violation of the national ambient air quality standards within 10 years nor provided a justification that there are no such areas in the State.

(b) The areas listed below are identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Akron-Canton Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Portage County, Stark County, Summit County.

(2) Cincinnati Interstate Air Quality Maintenance Area (Ohio Portion).

(i) Pollutants for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

Butler County, Clermont County, Hamilton County, Warren County.

(3) Cleveland Air Quality Maintenance Area:

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Cuyahoga County, Geauga County, Lake County, Lorain County.

(4) Columbus Air Quality Maintenance Area:

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Franklin County.

(5) Dayton Air Quality Maintenance Area:

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Clark County, Greene County, Montgomery County.

(6) Mansfield Air Quality Maintenance Area:

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Richland County

(7) Steubenville Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Belmont County, Columbiana County, Jefferson County, Monroe County.

(8) Toledo Interstate Air Quality Maintenance Area (Ohio Portion).

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of the area:

Lucas County, Wood County.

(9) Youngstown Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of the area:

Mahoning County, Trumbull County.

[40 FR 23755, June 2, 1975, as amended at 40 FR 41952, Sept. 9, 1975]

§ 52.1884 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Ohio.

(c) All applications and other information required pursuant to § 52.21 from sources in the State of Ohio shall be submitted to the Director of the Ohio Environmental Protection Agency, P.O. Box 1049, Columbus, Ohio 43216 instead of the EPA Region V office.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[45 FR 52741, Aug. 7, 1980, and 46 FR 9584, Jan. 29, 1981]

§ 52.1885 Control Strategy: Ozone.

(a) Part D—Approval—The following portions of the Ohio plan are approved:

(1) The ozone portions of rules 01, 02, 03, 04 (except the portion disapproved below), 05, 06, 07, 08, 09 (except the portions conditionally approved below) and 10 of Chapter 3745-21 of the Ohio Administrative Code.

(2) The Attainment Demonstrations for the following urban areas: Akron, Cincinnati, Dayton and Toledo.

(3) The Reasonable Further Progress Demonstration for the following areas: Akron, Cincinnati, Cleveland, Columbus, Dayton and Toledo.

(4) The ozone nonattainment area plan for the rural nonattainment areas.

(b) Part D—Conditional Approval—The following portions of the Ohio plan are approved provided that the following conditions are satisfied:

(1) For Rule 09(M)(2) of Chapter 3745-21 of the Ohio Administrative Code the State must promulgate and submit to EPA by February 15, 1981 regulations which meet the RACT requirements for waste water separators. If these regulations contain exemptions which are not supported by the control technique guidelines (CTGs) then the State must demonstrate that the resultant emissions differ from the CTG allowable emissions by not more than five percent.

(2) For Rule 09(R) of Chapter 3745-21 of the Ohio Administrative Code the State must submit to EPA by October 1, 1980 either a demonstration that allowable emissions resulting from the application of its existing rule with a 240,000 gallon per year throughput exemption for gasoline dispensing facilities are less than five percent greater than the allowable emissions resulting from the application of the CTG presumptive norm or if the demonstration indicates otherwise then the State must submit to EPA by February 15, 1981 a rule with a 120,000 gallon per year throughput exemption for gasoline dispensing facilities.

(3)-(4) [Reserved]

(5) The attainment demonstrations for the urban areas of Canton, Cleveland, Columbus and Youngstown provided the deficiencies cited are corrected.

(6) The Reasonable Further Progress Demonstration for the urban areas of Canton, Steubenville and Youngstown provided the deficiencies cited are corrected.

(c) Disapproval—USEPA disapproves the compliance schedule in revised rule 04(c)(18) of Chapter 3745-21 of the Ohio Administrative Code as it applies to facilities formerly covered by the compliance schedule in old rule 04(c)(1) of Chapter 3745-21. This disapproval in and of itself does not result in the growth restrictions of section 110(a)(2)(I).

(d) Part D—No Action—USEPA at this time takes no action on the vehicle inspection and maintenance (I/M) program required for those non-attainment areas which have requested an extension to demonstrate ozone attainment.

(Secs. 110(a), 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, and 7601(a)))

[45 FR 72142, Oct. 31, 1980, as amended at 45 FR 72147, Oct. 31, 1980; 46 FR 24563, May 1, 1981; 47 FR 28099, June 29, 1982; 47 FR 28373, June 30, 1982]

Effective Date Note: At 47 FR 28099, June 29, 1982, paragraph (b)(1) was removed from § 52.1885, effective July 29, 1982.

§ 52.1886 Ozone Attainment and Reasonable Further Progress Demonstrations.

(a) Part D—Conditional Approval—The attainment demonstration for the Canton urban area is approved provided that the following conditions are satisfied.

(1) The State must submit to EPA by August 1, 1981, either technical support for the 100% VOC emission reduction estimate from the cutback asphalt category; or a re-evaluation of the baseline emissions to account for the possible VOC emissions resulting from the category.

(2) The State must submit to EPA by August 1, 1981 a revised RFP demonstration line to account for any changes made in the attainment demonstrations.

(b) Part D—Conditional Approval—The attainment demonstration for the Cleveland urban area is approved provided the following conditions are satisfied:

(1) The State must submit to EPA by August 1, 1981 either technical support for the 100% VOC emission reduction estimate from the cutback asphalt category; or a re-evaluation of the baseline emissions to account for the possible VOC emissions resulting from this category.

(c) Part D—Conditional Approval—The attainment demonstrations for the Columbus urban area is approved provided the following conditions are satisfied:

(1) The State must submit to EPA by August 1, 1981, either technical support for the 100% VOC emission reduction estimate from the cutback asphalt category; or a re-evaluation of the baseline emissions to account for the possible VOC emissions resulting from this category.

(d) Part D—Conditional Approval—The State must submit to EPA by August 1, 1981 the reasonable further progress demonstration for the Canton urban area.

(e) Part D—Conditional Approval—The attainment demonstration for the Youngstown urban area is approved provided that the following conditions are satisfied:

(1) The State must submit to EPA by August 1, 1981 either technical support for the 100% VOC emission reduction estimate from the cutback asphalt category or a re-evaluation of the baseline emissions to account for the possible VOC emissions resulting from this category. The State must also submit a revised RFP demonstration line to account for any changes made in the attainment demonstrations.

(Secs. 110(a), 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, and 7601(a)))

[45 FR 72142, Oct. 31, 1980, as amended at 45 FR 72147, Oct. 31, 1980; 46 FR 24563, May 1, 1981; 46 FR 57489, Nov. 24, 1981]

§ 52.1887 Control Strategy: Carbon Monoxide.

(a) Part D—Approval—The following portions of the Ohio plan are approved:

(1) The carbon monoxide portions of rules 01, 02, 03, 04 (except the portion disapproved in § 52.1877(c)), 05, 06, 07, 08, 09 (except the portions conditionally approved in § 52.1877(b)) and 10 of Chapter 3745-21 of the Ohio Administrative Code.

(2) The transportation control plans for the following urban areas: Akron (ozone component only), Canton, Cincinnati, Columbus, Dayton, Steubenville, Toledo (ozone component only), Cleveland.

(3) The carbon monoxide attainment and reasonable further progress demonstrations for the following urban areas: Cincinnati, Cleveland, Columbus and Youngstown.

(b) Part D—Conditional Approval—The following portions of the Ohio plan are approved provided the following conditions are met:

(1) For the Dayton urban area carbon monoxide attainment and reasonable further progress demonstrations the State must submit to EPA by March 1, 1981 the following:

(i) A schedule for the study, evaluation and implementation of control measures at the identified carbon monoxide hot spot;

(ii) Evidence of priority funding, if proven necessary; and

(iii) A revised carbon monoxide reasonable further progress demonstration.

(2) For the Steubenville urban area carbon monoxide attainment and reasonable further progress demonstrations the State must submit to EPA the following:

(i) The results of the carbon monoxide study by February 6, 1981,

(ii) Either regulations or additional TSMs by August 1, 1981. These measures are to provide for attainment of the standard by December 31, 1982,

(iii) A revised attainment demonstration by August 15, 1981, and

(iv) A revised carbon monoxide reasonable further progress demonstration by August 15, 1981.

(c) Part D—No Action—USEPA at this time takes no action on the carbon monoxide portions of the plan submitted for the urban areas of Akron and Toledo nor on the vehicle inspection and maintenance (I/M) program required for those nonattainment areas which have requested an extension to demonstrate carbon monoxide attainment.

(Secs. 110(a), 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410(a), 7502, and 7601(a)))

[45 FR 72143, Oct. 31, 1980, as amended at 45 FR 72147, Oct. 31, 1980; 46 FR 24564, May 1, 1981; 46 FR 57490, Nov. 24, 1981]

Subpart LL—Oklahoma

§ 52.1920 Identification of plan.

(a) Title of plan: "State of Oklahoma Air Quality Control Implementation Plan."

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) An opinion of the State Attorney General concerning the State's legal authority in emergency episode prevention and public disclosure was submitted February 15, 1972.
(Non-regulatory)

(2) Letter from State Department of Health concerning emergency episode prevention, sampling site locations and governmental cooperation was submitted on February 25, 1972.
(Non-regulatory)

(3) Letter of May 4, 1972, from the State Department of Health clarifies Regulations 4, 13, 14, and Title 63 of the State air quality regulations concerning emission data, emergency episodes, compliance schedules and new source review. (Non-regulatory)

(4) Revisions concerning Regulations 4 through 8, 13 and 15 through 18 were submitted by the Governor on July 14, 1972.

(5) Certification on October 4, 1972, of amendments to Regulation 14 of the State regulations was submitted by the Governor. (Non-regulatory)

(6) Corrections of the plan submitted previously and consolidated were submitted on October 16, 1972.
(Non-regulatory)

(7) Sections 16.1, 16.3, and 16.5 of Regulation No. 16, "Control of Emis-

sions of Sulfur Compounds," the Control Strategy which relates to sulfur oxides control under the applicable sections of Regulation 16, and emission limitations on existing sources as adopted on December 1, 1974 and submitted by the Governor on March 4, 1975.

(8) Revision to Oklahoma Regulation 4.2 (public availability of emission data) was submitted by the Governor on October 7, 1975.

(9) Administrative revisions to Oklahoma SIP Chapter 1, Table 2, Oklahoma Ambient Air Quality Standards, Chapter 8, Source Surveillance and Enforcement System, section 8 A, B, and C relating to permits, and addition of Appendix Q, relating to Oklahoma Air Quality Standards, were submitted by the Oklahoma State Department of Health on May 16, 1975, with clarification submitted on June 17, 1977. (Non-regulatory).

(10) Consent agreements creditable as emission offsets were submitted by the Governor on March 28, 1977 as Addendum 1 to Chapter IV of the Oklahoma Air Quality Implementation Plan.

(11) Revisions of Oklahoma Regulation No. 15 for control of emissions of organic materials were adopted (effective date) December 31, 1974, and submitted by the Governor on June 16, 1975.

(12) Revision to Oklahoma Regulation No. 3, Defining Terms Used in Oklahoma Air Pollution Control Regulations, were submitted by the Governor on November 28, 1977. The revisions include amendments adopted by the State on June 2, 1974 and June 11, 1977. (See § 52.1926(a).)

(13) A general update of Chapter 7: Air Quality Surveillance, was submitted by the Governor on July 19, 1978. (non-regulatory).

(14) Revisions to the plan for attainment of standards for ozone, carbon monoxide, and particulate matter (Part D requirements) were submitted by the Governor on April 2, 1979.

(15) A revised schedule including specific dates of the overall TSP program was submitted by the State on March 28, 1980.

(16) Revisions to Regulation No. 17, Regulation No. 14 section 14.313, Regulation No. section 14.313(b), Regulation No. 14 section 14.313(c)(i), Regulation No. 15 section 15.50, Regulation No. 15 section 15.53, and Regulation No. 3 (Part D requirements) were submitted by the Governor on April 11, 1980.

(17) Revisions to the plan for intergovernmental consultation, interstate pollution abatement, public notification, and the State Board were submitted by the Governor on April 2, 1979; a letter of commitment for new source notification was submitted by the Acting Chief of the Oklahoma Air Quality Service on March 31, 1982; a Public Notification Workplan was submitted by the Chief of the Oklahoma Air Quality Service on January 14, 1980; the Oklahoma Code of Ethics for State Officials and Employees, with a clarification letter, was submitted by the Oklahoma Commissioner of Health on March 9, 1982; and a clarification letter was submitted by the Acting Chief of the Oklahoma Air Quality Service on February 23, 1982.

(18) The Oklahoma State Implementation Plan for lead was submitted to EPA on March 5, 1980, by the Governor of Oklahoma as adopted by the State Air Quality Council on November 13, 1979. Letters of clarification dated October 19 and December 9, 1981, also were submitted.

(19) Revisions to Regulation No. 15 (i.e., the addition of sections 15.57, 15.58, and 15.59) were adopted by the State Board of Health on April 30, 1980 and submitted by the Governor on June 10, 1980.

(20) Revisions to Regulation No. 15 (i.e., revisions to sections 15.524, 15.585, and 15.59, and the addition of Sections 15.60 and 15.61) were adopted by the State Board of Health on May 9, 1981 and submitted by the Governor on September 14, 1981.

(21) A variance to the State Regulations 7 and 8 for McAlester Army Ammunition Plant located in McAlester, Oklahoma was submitted by the State on September 21, 1979 and approved by the State Board of Health on September 8, 1979.

(22) On March 7, 1980, the Governor submitted final revisions to the ambient monitoring portion of the plan.

(Secs. 110(a), 172Clean Air Act, as amended (42 U.S.C. 7410(a), 7502))

[37 FR 10887, May 31, 1972]

Editorial Note: For Federal Register citations to § 52.1920, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Effective Date Note: At 47 FR 20772, May 14, 1982, paragraph (c)(17) was added to § 52.1920, effective July 13, 1982.

§ 52.1921 Classification of regions.

The Oklahoma plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Central Oklahoma Intrastate	I	III	III	III	I
Northeastern Oklahoma Intrastate	I	III	III	III	I
Southeastern Oklahoma Intrastate	III	III	III	III	III
North Central Oklahoma Intrastate	III	III	III	III	III
Southwestern Oklahoma Intrastate	III	III	III	III	III
Northwestern Oklahoma Intrastate	III	III	III	III	III
Metropolitan Fort Smith Interstate	II	III	III	III	III
Shreveport-Texarkana-Tyler Interstate	II	III	III	III	III

[37 FR 10887, May 31, 1972, as amended at 45 FR 9741, Feb. 13, 1980]

§ 52.1922 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Oklahoma's plan for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds that the plan satisfies all requirements of Part D, Title 1, of the Clean Air Act as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

[45 FR 9741, Feb. 13, 1980]

§§ 52.1923—52.1924 [Reserved]

§ 52.1925 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Oklahoma's plan, except where noted.

Air quality control region	Pollutant							
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone	Lead
	Primary	Secondary	Primary	Secondary				
Central Oklahoma Intrastate (except Oklahoma and Cleveland Counties)	*a*	*a*	c	c	c	c	*a*	(a)
Oklahoma County	[1]d	*a*	c	c	c	c	d	(a)
Cleveland County	a	a	c	c	c	c	*a*	(a)
Northeastern Oklahoma Intrastate (except Mayes and Tulsa Counties)	*a*	*a*	c	c	c	c	*a*	(a)
Tulsa County	[1]d	a	c	c	c	d	d	(a)
Mayes County	[1]d	a	c	c	c	c	*a*	(a)
Southeastern Oklahoma Interstate	c	c	c	c	c	c	c	(a)
North Central Oklahoma Intrastate	c	c	c	c	c	c	c	(a)
Southwestern Oklahoma Intrastate	c	c	c	c	c	c	c	(a)
Northwestern Oklahoma Intrastate	c	c	c	c	c	c	c	(a)
Metropolitan Fort Smith Interstate	b	*a*	c	c	c	c	c	(a)
Shreveport-Texarkana Tyler Interstate	b	*a*	c	c	c	c	c	(a)

a. July 1975.
b. Air quality levels presently below primary standards.
c. Air quality levels presently below secondary standards.
d. December 31, 1982.

[1] Designated area only (see 43 FR 9027, March 3, 1978).

NOTE 1: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date.

NOTE 2: Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.1925 (1978).

(Sec. 110(a) of the Clean Air Act (42 U.S.C. 7410(a)))

[45 FR 9741, Feb. 13, 1980, as amended at 47 FR 16330, Apr. 16, 1982]

§ 52.1926 General requirements.

(a) The definition of "Best Available Control Technology (BACT)", as submitted by the Governor on November 28, 1977, is disapproved.

(Sec. 110(a), Clean Air Act, as amended (42 U.S.C. 7410(a)))

[43 FR 52030, Nov. 8, 1978]

§ 52.1927 Maintenance of national standards.

(a) The areas listed below which were identified by the State of Oklahoma are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of a national ambient air quality standard within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Central Oklahoma Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

Oklahoma County
That part of Canadian County east of Range 6W.
That part of Cleveland County north of Township 7N.

(2) Tulsa Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

Tulsa County
That part of Rogers County south of Township 23N and west of Range 16E
That part of Wagoner County north of Township 17N and west of Range 16E
That part of Creek County north of Township 16N and east of Range 10E
That part of Osage County south of Township 23N and east of Range 10E.

[40 FR 18735, Apr. 29, 1975]

§ 52.1928 [Reserved]

§ 52.1929 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Oklahoma.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978; 43 FR 40010, Sept. 8, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.1930 [Reserved]

§ 52.1931 Petroleum Storage Tank Controls.

(a) Notwithstanding any provisions to the contrary in the Oklahoma implementation plan, the petroleum storage tanks listed in paragraphs (b) through (e) of this section shall be subject to the requirements of Section 15.211 of the Oklahoma Air Pollution Control Regulations and to the monitoring, inspection, reporting, and other procedural requirements of the Oklahoma implementation plan and the Clean Air Act. The owner or operator of each affected facility shall secure compliance with Section 15.211 in accordance with the schedule set forth below.

(b) Tanks 121 and 122 for crude oil storage at the Sun Oil Company refinery at Duncan, Oklahoma, shall be in compliance with Section 15.211 no later than August 1, 1979.

(c) Tanks 118 and 119 for gasoline storage at the Apco Oil Corporation refinery at Cyril, Oklahoma, shall be in compliance with Section 15.211 no later than February 1, 1979.

(d) Tank 286 for crude oil storage at the Continental Pipe Line Company property in Oklahoma County, Oklahoma (Section 32-12N-2W) shall be in compliance with Section 15.211 no later than February 1, 1979.

(e) The three 80,000 barrel capacity crude oil storage tanks at the Champlin Petroleum Company, Noble Station, 13th and Bryan Streets, Oklahoma City, Oklahoma, shall be in compliance with Section 15.211 no later than September 1, 1979.

(f) Action on the part of Sun Oil Company, Apco Oil Corporation, Continental Pipe Line Company and Champlin Petroleum Company of controlling hydrocarbon emissions creditable as offsets for General Motors Corporation, Oklahoma City, Oklahoma, in no way relieves these companies from meeting all requirements under the Oklahoma Air Quality Implementation Plan or under the Federal Clean Air Act as amended.

[42 FR 63782, Dec. 20, 1977]

§ 52.1932 Control strategy and regulations: ozone.

(a) Subsection 15.27c of Revised Regulations 15 (effective date of December 31, 1974) is disapproved.

[45 FR 9741, Feb. 13, 1980, as amended at 45 FR 79052, Nov. 28, 1980]

Subpart MM—Oregon

§ 52.1970 Identification of plan.

(a) Title of plan: "State of Oregon Clean Air Act Implementation Plan."

(b) The plan was officially submitted on January 25, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Amendments to the implementation plan including ORS chapters 449, 192, and 340 submitted on May 3, 1972, by the Governor.

(2) Transportation control strategy for oxidants and carbon monoxide in the Oregon portion of the Portland Interstate Region submitted on October 26, 1972, by the Governor.

(3) Compliance schedules submitted on February 9, 1973, by the Department of Environmental Quality.

(4) Revision to the transportation control plan submitted on April 13, 1973, by the Governor.

(5) Compliance schedules submitted on May 30, 1973, by the Department of Environmental Quality.

(6) Compliance schedules submitted on June 8, 1973, by the Department of Environmental Quality.

(7) Compliance schedules submitted on June 22, 1973, by the Department of Environmental Quality.

(8) Compliance schedules submitted on June 25, 1973, by the Department of Environmental Quality.

(9) Compliance schedules submitted on July 31, 1973, by the Department of Environmental Quality.

(10) Compliance schedules submitted on August 3, 1973, by the Department of Environmental Quality.

(11) Request for an extension to May 31, 1976, of the attainment date for carbon monoxide and photochemical oxidants and miscellaneous additions (Nonregulatory) to the transportation control plan submitted on September 21, 1973, by the Governor.

(12) Miscellaneous additions (Nonregulatory) to the transportation control plan submitted on August 20, 1973, by the Department of Environmental Quality.

(13) Plan for maintenance of the national standards submitted on August 27, 1973, by the Department of Environmental Quality.

(14) Revision to Oregon Administrative Rules (OAR) Chapter 340, sections 25-105 through 25-130,—Hot Mix Asphalt Plans and sections 25-155 through 25-195 Kraft Pulp Mills submitted on February 8, 1973, by the Department of Environmental Quality.

(15) Change to regulations for the Lane Regional Air Pollution Authority submitted on February 13, 1973, by the Department of Environmental Quality.

(16) Special air pollution control rules for Clackamas, Columbia, Multnomah and Washington Counties and certification of the dissolution of regulations for the Columbia-Williamette Air Pollution Authority submitted on January 17, 1974, by the Department of Environmental Quality.

(17) Revision to Oregon Administrative Rules (OAR) Chapter 340, sec-

tions 12-030 through 12-055 Civil Penalties submitted on February 19, 1975, by the Department of Environmental Quality.

(18) Oregon Revised Statute 468.095 for public availability of emission data submitted on August 1, 1975 by the Department of Environmental Quality.

(19) Indirect Source Regulation (OAR, Chapter 340 sections 20-100 through 20-135) submitted on July 24, 1975 by the Department of Environmental Quality.

(20) Indirect Source Regulation (Title 20—Indirect Sources), of the Lane Regional Air Pollution Authority Rules and Regulations, submitted November 18, 1975 by the Department of Environmental Quality.

(21) Air Contaminant Discharge Permits (Oregon Administrative Rules 340-20-140 through 340-20-185) submitted February 17, 1976.

(22) Lane Regional Air Pollution Authority Regulation, Title 22—Permits, submitted June 7, 1976.

(23) Oregon Revised Statutes sections 468.450 through 468.485 submitted on August 1, 1975 by the Department of Environmental Quality.

(24) Oregon Administrative Rules (OAR) Chapter 340, sections 26-005 through 26-025, submitted on February 17, 1976 by the Department of Environmental Quality.

(25) Request for an extension to May 31, 1978 of the attainment date for particulate matter national secondary ambient air quality standards in the Eugene/Springfield Air Quality Maintenance Area.

(26) Revision to the field burning regulations submitted on June 28, 1979; September 13, 1979, October 10, 1979; and March 11, 1980 by the Department of Environmental Quality.

(27) On June 20 and 29, 1979, the Governor submitted: (i) Carbon monoxide (CO) and ozone (O_3) attainment plans for the Oregon portion of the Portland-Vancouver AQMA, Salem, and Medford-Ashland AQMA, and (ii) a carbon monoxide (CO) attainment plan for the Eugene-Springfield AQMA.

(28) On June 20, 1979, the Governor requested an extension beyond 1982 for the attainment of carbon monoxide (CO) in Portland, Eugene-Springfield and Medford.

(29) On June 29, 1979, the Governor requested an extension beyond 1982 for the attainment of ozone (O_3) in Portland.

(30) On February 14, 1980, the State Department of Environmental Quality submitted its official response to EPA's proposed SIP actions which were published in the Federal Register on January 21, 1980 (45 FR 3929).

(31) On May 6, 1980, the State Department of Environmental Quality submitted recodified portions of Oregon Revised Statutes (ORS) 449 which authorize Oregon's automobile inspection/maintenance program. This submittal, requested by EPA, included chapters ORS 468.360 through 468.420, 481.190, 481.200, 483.800, 483.820, and 483.825.

(32) Revisions to the program for controlling the open burning of grass seed fields submitted on April 22, 1980 by the Department of Environmental Quality.

(33) Oregon Administrative Rules (OAR) Chapter 340, sections 24-300 through 24-350 for the vehicle inspection and maintenance program, submitted on July 26, 1980 by the Oregon Department of Environmental Quality.

(34) On December 27, 1979, the State of Oregon Department of Enrivonmental Quality submitted a plan revision to meet the requirements of Air Quality Monitoring 40 CFR Part 58, Subpart C § 52.20.

(35) On December 31, 1980, the State Department of Environmental Quality submitted an Oregon Air Containment Discharge Permit No. 36-6041 Addendum No. 1 issued to Spaulding Pulp and Paper Company on December 11, 1980; Oregon Air Discharge Containment Discharge Permit No. 26-3025, issued to Industrial Laundry Dry Cleaners, Inc., on December 1980 and Oregon Environmental Quality Commission Stipulation and Consent Final Order concerning Vanply, Inc., dated December 30, 1980.

(36) On September 8, October 16, December 5, December 19, 1980, May 29, 1981 and September 9, 1981, DEQ submitted revisions to the SIP designed to satisfy the conditions of ap-

proval published by EPA on June 24, 1980 (45 FR 42265).

(37) Specific air pollution control rules for the Medford AQMA (OAR 340-30-005 through 340-30-070) submitted by the Department of Environmental Quality on May 26, 1978 and revisions submitted by the Department of Environmental Quality on February 14, 1980 (OAR-340-010 and 340-30-020), October 29, 1980 (OAR 340-30-016, 340-30-035 and 340-30-045), May 22, 1981 (OAR 340-30-010, 340-30-030 and 340-30-045) and September 9, 1981 (OAR 340-30-060).

(38) Revisions to the Lane Regional Air Pollution Authority rules submitted by the Department of Environmental Quality on March 14, 1977 (Title 22, Sections 010 and 020 and Table A), June 29, 1979 (Title 11, Section 015; Title 12, Sections 005 and 010; Title 13; Title 20, Sections 110, 115, 120, 125, 129 and 130; Title 21, Sections 010 and 030; Title 32, Sections 005 and 010; Title 33, Sections 005, 010, 015 and 065; Title 36; Title 42; Title 43; Title 44; and Title 45), November 6, 1979 (Title 22, Section 020 and Table A), and January 30, 1980 (Title 36).

(39) Conditions 5 and 6 of the Air Contaminant Discharge Permit for the Weyerhaeuser Company plant in Bly, Oregon (Permit Number: 18-0037) submitted by the Department of Environmental Quality on March 24, 1981.

(40) Condition 4, 5, and 6 of the Air Contaminant Discharge Permit for the Weyerhaeuser Company plant in North Bend, Oregon (Permit Number: 06-0007) submitted by the Department of Environmental Quality on March 27, 1981.

(41) Revisions to the agricultural open field burning rules (OAR 340-26-005 through 340-26-030) submitted by the Department of Environmental Quality on April 23, 1981 and amended "Smoke Management Program Operational Guidelines" submitted by the Department of Environmental Quality on July 8, 1981.

(42) Revisions to the rules for sulfite pulp mills (OAR 340-25-350 through 340-25-390) submitted by the Department of Environmental Quality on June 2, 1980.

(43) Revisions to the Air Quality Schedule of Civil Penalties (OAR 340-12-050) submitted by the Department of Environmental Quality on February 14, 1980.

(44) Revision to the ambient air quality standard for ozone (OAR 340-31-030) submitted by the Department of Environmental Quality on June 20, 1979.

(45) On March 24, 1981, the State Department of Environmental Quality submitted control strategies for the Portland secondary total suspended particulates nonattainment area.

(46) On March 23, 1981, the State Department of Environmental Quality submitted control strategies for the Eugene-Springfield secondary total suspended particulates nonattainment area.

(47) On October 16, 1980, the State Department of Environmental Quality submitted revisions to the control strategies for the Salem ozone nonattainment area.

(48) On August 17, 1981, the State Department of Environmental Quality submitted amendments to the operating rules for the Portland motor vehicle inspection program (OAR 340-24-300 through 350).

(Secs. 107(d), 110(a), 171(2), and 172, Clean Air Act (42 U.S.C. 7407(d), 7410(a), 7501(2), 7502 and 7601(a)))

[37 FR 10888, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.1970, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1971 Classification of regions.

The Oregon plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Portland Interstate	I	IA	III	I	I
Southwest Oregon Intrastate	II	III	III	III	III
Northwest Oregon Intrastate	III	III	III	III	III
Central Oregon Intrastate	II	III	III	III	III
Eastern Oregon Intrastate	II	III	III	III	III

(Secs. 110(a), 172 Clean Air Act (42 U.S.C. 7410(a) and 7502))

[37 FR 10888, May 31, 1972, as amended at 45 FR 42278, June 24, 1980]

§ 52.1972 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Oregon's plan for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds that the carbon monoxide and ozone attainment plans satisfy all requirements of Part D, Title 1, of the Clean Air Act as amended in 1977, except as noted in the following sections. In addition, continued satisfaction of Part D requirements for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January 1978 and January 1979. Additional RACT requirements must be submitted by each subsequent January for sources covered by CTGs issued by the previous January. Further, new source review permits issued pursuant to section 173 of the Clean Air Act will not be deemed valid by EPA unless the provisions of Section V of the emission offset interpretive rule published on January 16, 1979 (44 FR 3274) are met.

(Secs. 110(a), 172, Clean Air Act (42 U.S.C. 7410(a) and 7502))

[38 FR 16168, June 20, 1973, as amended at 45 FR 42278, June 24, 1980; 47 FR 28373, June 30, 1982]

§ 52.1973 Attainment dates for national standards.

The following table presents required attainment dates for national standards. These dates reflect the information presented in Oregon's plan.

Air quality control region and nonattainment area	Pollutant						
	TSP		SO_x		NO_2	CO	O_3
	1st [1]	2nd [2]	1st [1]	2nd [2]			
Portland Interstate AQCR:							
1. Portland-Vancouver AQMA (Or. portion)	a	f	a	b	b	g	g
2. Salem	a	b	a	b	b	e	e
3. Eugene-Springfield AQMA	a	f	a	b	b	h	b
4. Remainder of AQCR	c	c	a	b	b	d	c
Southwest Oregon Intrastate AQCR:							
1. Medford-Ashland AQMA	e	f	a	b	b	g	e
2. Remainder of AQCR	c	c	a	b	b	b	b
Northwest Oregon Intrastate AQCR	a	b	a	b	b	b	b
Central Oregon Intrastate AQCR	a	c	a	b	b	b	b
Eastern Oregon Intrastate AQCR	c	c	a	b	b	b	b

[1] 1st = Primary.

[2] 2nd = Secondary.

a. Area designated as having air quality levels presently below the primary standards or area is unclassifiable.

b. Area designated as having air quality levels presently below secondary standards or area is unclassifiable.

c. May 1975.

d. May 31, 1976.

e. December 31, 1982.

f. As expeditiously as practicable with date to be identified in plan due to be submitted by July 1, 1980.

g. Later than December 31, 1982 but before December 31, 1987 with specific date to be identified in alternatives analysis due July 1, 1980.

h. December 31, 1985.

(Secs. 110(a), 172 Clean Air Act (42 U.S.C. 7410(a) and 7502))

[45 FR 42278, June 24, 1980]

§ 52.1974 Transportation and land use controls.

(a) To complete the requirements of § 51.11(b) of this chapter the Governor of Oregon must submit to the Administrator no later than April 1, 1974, the necessary adopted regulations needed to implement the inspection/maintenance and retrofit programs.

[38 FR 30827, Nov. 7, 1973]

§ 52.1975 Compliance schedules.

(a) The requirements of § 51.15(c) are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(b) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are contained in the Oregon Administrative Rules, Chapter 340, unless otherwise indicated.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Crown Zellerbach Corp	Wauna	OAR 340 Sec. 25-170.	Aug. 2, 1972	Immediately	May 1, 1975.
Georgia Pacific Corp	Toledo	do	do	do	Jan. 1, 1975.
Hanna Nickel Co	Riddle	OAR 340 Sec. 25-415.	Jan. 26, 1973	do	July 1, 1974.

(c) *Federal compliance schedules.* (1) Except as provided in paragraph (c)(11) of this section the owner or operator of any primary aluminum plant subject to the following emission limiting regulation in the Oregon implementation plan shall comply with the compliance schedule in paragraph (c)(2) of this section: Oregon Administrative Rules, chapter 340, section 25-265 (app. 2-A of the Oregon Implementation Plan).

(2) Compliance schedule for primary aluminum plants:

(i) December 1, 1973—Submit to the Administrator a final control plan which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) January 31, 1974—Negotiate and sign all necessary contracts for emission control systems or process modifications or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) December 9, 1974—Complete onsite construction or installation of emission control equipment or process modification.

(iv) January 1, 1975—Achieve compliance with the applicable regulations and certify such compliance to the Administrator.

(3)-(5) [Reserved]

(6) Except as provided in paragraph (c)(11) of this section, the owner or operator of any sulfite pulp mill subject to the following emission-limiting regulation in the Oregon Implementation Plan shall comply with the compliance schedule in paragraphs (c) (7) and (8) of this section, as applicable, of this paragraph: Oregon Administrative Rules, chapter 340, section 25-36 (app. 2-A of the Oregon Implementation Plan).

(7) Compliance schedule for sulfite mills of 110 tons or greater of air dried unbleached pulp per day:

(i) October 1, 1973—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) November 1, 1973—Negotiate and sign all necessary contracts for emission control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) May 20, 1974—Complete onsite construction or installation of emission control equipment or process modification.

(iv) July 1, 1974—Achieve compliance with the applicable regulations and certify such compliance to the Administrator.

(8) Compliance schedule for sulfite mills of less than 110 tons of air dried unbleached pulp per day:

(i) October 1, 1973—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) February 1, 1974—Negotiate and sign all necessary contracts for emission control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) August 1, 1974—Complete onsite construction or installation of emission control equipment or process modification.

(iv) November 1, 1974—Achieve compliance with the applicable regulations, and certify such compliance to the Administrator.

(9) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by the final compliance date in the applicable compliance schedule. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(10) Within five days after the deadline for completing increments (c)(8)(ii) and (iii) of this section, in a compliance schedule above, certify to the Administrator whether the increment has been met.

(11) (i) The requirements of paragraphs shall apply to a source which is presently in compliance with applicable regulations and which has certified such compliance to the Administrator by October 1, 1973. The Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(12) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of a compliance schedule in this paragraph fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

[38 FR 16168, June 20, 1973, as amended at 38 FR 22746, Aug. 23, 1973; 38 FR 24342, Sept. 7, 1973; 40 FR 33216, Aug. 7, 1975]

§ 52.1976 Control strategy: Particulate matter—Portland interstate air quality control region.

(a) Oregon administrative rules (OAR), chapter 340, sections 26-005 through 26-030, as adopted by the Environmental Quality Commission on July 15, 1977 and submitted to EPA on October 6, 1977 is disapproved since it is inconsistent with the requirements of § 51.13. The requirements of § 51.13 are not met in that the control strategy contained in the October 6, 1977 submittal is not adequate for the attainment and maintenance of the particulate matter national ambient air quality standards. Therefore, the regulation identified in 40 CFR 52.1970(c)(24) remains the applicable regulation.

(Secs. 110(a), 301, Clean Air Act, as amended (42 U.S.C. 7410(a) and 7601))

[43 FR 36931, Aug. 21, 1978]

§§ 52.1977—52.1980 [Reserved]

§ 52.1981 Extension.

(a) The Administrator hereby extends for 12 months the attainment date for the national standards for carbon monoxide in the Portland Interstate Air Quality Control Region.

(b) The Administrator hereby extends the attainment date for carbon monoxide in the Eugene-Springfield non-attainment area to December 31, 1985 and in the Portland, and Medford-Ashland non-attainment areas to beyond December 31, 1982, but before December 31, 1987. The actual attainment date for the Portland and Medford-Ashland areas is to be identified in the transportation control plan alternatives analysis for each area, due to be submitted by July 1, 1980. No further analysis is required for the Eugene-Springfield area.

(c) The Administrator hereby extends the attainment date for ozone in the Portland non-attainment area to beyond December 31, 1982 but before December 31, 1987. The actual attainment date is to be submitted by July 1, 1980.

(d) The Administrator hereby extends to July 1, 1980, the statutory timetable for submission of Oregon's plan for the attainment and maintenance of the secondary standards for total suspended particulate matter in Portland, Springfield-Eugene, and Medford-Ashland non-attainment areas in Oregon.

(Secs. 110(a), 172, Clean Air Act (42 U.S.C. 7410(a) and 7502))

[38 FR 30827, Nov. 7, 1973, as amended at 44 FR 44498, July 30, 1979; 44 FR 53161, Sept. 13, 1979; 45 FR 42279, June 24, 1980]

§ 52.1982 Control strategy: Ozone.

(a) Part D—Approval. (1) The Salem/ Portland and Medford/Ashland area attainment plans are approved as satisfying Part D requirements with the following clarification as to their implementation:

(i) DEQ source test method 24 will be used in conjunction with method 25 for determining compliance of surface coating operations.

(ii) The phrase "in most cases" in rule OAR 340-22-107(1) applies to approximately 1,200 gasoline service stations where compliance is determined by observing whether specific emission control equipment, selected from a specific list on file at DEQ, is in place and operating properly.

(Secs. 110 and 172 of the Clean Air Act as amended (42 U.S.C. 7410(a) and 7502))

[46 FR 54940, Nov. 5, 1981]

§§ 52.1983—52.1984 [Reserved]

§ 52.1985 Rules and regulations.

(a) *Part D—Approval.* The Oregon VOC regulations (OAR 340-22-100 through 220) covering Groups I and II Control Technique Guidelines are approved with the following clarifications:

(1) The paper coating rule is RACT. Due to enforceability questions introduced by the last sentence of OAR 340-22-170(5) EPA is approving this rule with the exception of the last sentence.

(2) EPA approval of OAR 340-22-170(5) is with the understanding that DEQ source test method 24 will be used to determine compliance.

(3) EPA approval of OAR 340-22-170(5) is with the understanding that compliance determinations will be based on methods approved as part of the SIP.

(Secs. 110 and 172 of the Clean Air Act as amended (42 U.S.C. 7410(a) and 7502))

[46 FR 54940, Nov. 5, 1981, as amended at 47 FR 10534, Mar. 11, 1982]

§ 52.1986 Maintenance of national standards.

(a) The areas listed below, which were determined by the State of Oregon, are hereby identified by the Administrator pursuant to § 51.12, paragraphs (e) and (f), of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Portland-Vancouver Interstate Air Quality Maintenance Area (Oregon Portion).

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, carbon monoxide, and photochemical oxidants.

(ii) Geographical composition of area:

The Columbia Region Association of Governments 1970 Portland-Vancouver Metropolitan Transportation Study Area. (A complete geographical description of the area is presented in a map of the 1970 Portland-Vancouver Metropolitan Study Area prepared by the Columbia Region Association of Governments and available for inspection at the Freedom of Information Center, U.S. EPA, Room 206, 401 M Street SW., Washington, D.C.; the U.S. EPA Oregon Operations Office, 1234 SW. Morrison Street, Portland, Oregon; and the U.S. EPA Region X Office, 1200 Sixth Avenue, Seattle, Washington.)

(2) Eugene-Springfield Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Lane Regional Air Pollution Authority Control Area "C". (This area is defined in the Lane Regional Air Pollution Authority Rules and Regulations dated August 2, 1972, and available for inspection at the Freedom of Information Center, U.S. EPA, Room 206, 401 M Street SW., Washington, D.C.; the U.S. EPA Oregon Operations Office, 1234 SW Morrison Street, Portland, Oregon; and the U.S. EPA Region X Office, 1200 Sixth Avenue, Seattle, Washington.)

(3) Medford-Ashland Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

The Bear Creek Urban Regional Land Use Planning Area. (A complete geographical description of the area is presented in a map of the Bear Creek Urban Regional Land Use Planning Area prepared by the county engineer of Jackson County, Oregon (revised 1973) and is available for inspection at the Freedom of Information Center, U.S. EPA, Room 206, 401 M Street SW., Washington, D.C.; the U.S. EPA Oregon Operations Office, 1234 SW. Morrison Street, Portland, Oregon; and the U.S. EPA Region X Office, 1200 Sixth Avenue, Seattle, Washington.)

[40 FR 18735, Apr. 29, 1975]

§ 52.1987 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Oregon.

(Sec. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart NN—Pennsylvania

§ 52.2020 Identification of plan.

(a) Title of plan: "Pennsylvania's Implementation Plan."

(b) The plan was officially submitted on January 27, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Regulations 121, 123, 127, 129, 131, 135, 137, 139, and 141 of the Pennsylvania Code of regulations submitted March 17, 1972, by the Pennsylvania Department of Environmental Resources.

(2) Air Quality Data for three additional months regarding Reading Air Basin SO_2 strategy submitted March 27, 1972, by the Pennsylvania Department of Environmental Resources.

(3) Miscellaneous non-regulatory additions and clarifications to the plan submitted on May 4, 1972, by the Pennsylvania Department of Environmental Resources.

(4) "An Implementation Plan for the Attainment and Maintenance of the National Ambient Air Quality Standards for Allegheny County, Commonwealth of Pennsylvania, 1980", and Article XX (which replaces Article XVIII), which were submitted on December 24, 1980.

(5) Non-regulatory additions to plan regarding Allegheny County Source Surveillance regulations submitted on June 20, 1972, by the Pennsylvania Department of Environmental Resources.

(6) Miscellaneous non-regulatory additions to the plan submitted August 14, 1972, by the Pennsylvania Department of Environmental Resources.

(7) Revision to Philadelphia Air Management Services regulations submitted November 3, 1972, by the Governor.

(8) Revision to compliance schedules for Clairton Coke Works in Allegheny County submitted December 14, 1972, by the Governor.

(9) Transportation Control Plan for Southwest Pennsylvania and Metropolitan Philadelphia AQCR's submitted April 13, 1973, by the Governor.

(10) [Reserved]

(11) Amendments to Philadelphia Air Management Services regulation number 3 submitted April 15, 1974, by the Governor.

(12) Amendments to Philadelphia Air Management Services regulations numbers 1, 2 and 11 submitted May 28, 1974, by the Governor.

(13) Process factor for glass production furnaces submitted on December 26, 1974, by the Pennsylvania Department of Environmental Resources.

(14) Amendments to Chapters 123 (section 123.24) and 139 (section 139.13), controlling zinc smelter operations; submitted on August 7, 1975 by the Pennsylvania Department of Environmental Resources.

(15) A revision submitted by the Commonwealth of Pennsylvania on August 11, 1976 amending Title 3 of the Philadelphia Code, Subsection 3-103, Enforcement; Subsection 3-301, Powers and Duties of the Department of Public Health; and Subsection 3-305 Orders.

(16) Revisions submitted by the Commonwealth of Pennsylvania on December 11, 1972 amending regulations for the powers and duties of the Department of Environmental Resources, the Environmental Quality Board and the Environmental Hearing Board.

(17) Amendment to Article XVIII, Rules and Regulations of the Allegheny County Health Department, Sections 1800 (Definitions) and 1813 (Air Pollution Emergency Episode Regulations). These amendments were submitted on May 15, 1978 by the Department of Environmental Resources.

(18) Amendments to Title 3, Section 3-207 (Sale of Fuel Oil) of the Philadelphia Code pertaining to Philadelphia County and to Title 25, Part I, Subpart C, Article III, Chapter 121 (Definitions) and Chapter 123 (Standards for Contaminants, Sulfur Compound Emissions) of the Pennsylvania Code pertaining to Bucks, Chester, Delaware, and Montgomery Counties submitted on July 31, 1978 by the Governor.

(19) Amendments to Chapters 121 (§ 121.1), 123 (§§ 123.1, 123.13, 123.44), 127 (§§ 127.41 through 127.52, inclusive), 129 (§§ 129.15 and 129.16), and 139 (§§ 139.51, 139.52, 139.53 and 139.61), dealing with the control of coke oven battery operations; submitted on June 30, 1978 by the Pennsylvania Department of Environmental Resources.

(20) Amendments to Chapters 121 (§ 121.1), 123 (§§ 123.22(b) and 123.45), and 139 (§§ 139.3, 139.4, 139.13, 139.16, 139.101, 139.102, 139.103, 139.104 and 139.105), dealing with sulfur dioxide emissions from fuel-burning installations, only as they apply to sources in the Erie air basin; submitted on April 24, 1979 by Governor Thornburgh.

(21) A revision submitted by the Commonwealth of Pennsylvania on September 20, 1978 to clarify terms and intent of Chapter 121 (relating to general provisions), Chapter 123 (relating to standards for contaminants) and Chapter 129 (relating to standards for sources).

(22) The "1979 State Implementation Plan (SIP) Submission for the Attainment of the Photochemical Oxidant Standard in Pennsylvania" and "Regulations for Volatile Organic Compounds" amending Chapters 121, 129, and 139 of the Pennsylvania Code submitted on April 24, 1979, by the Governor.

(23) Transportation elements of the SIP for Philadelphia, Pittsburgh, Allentown-Bethlehem-Easton, and Scranton areas and commitment to implement vehicle inspection and maintenance in Lehigh and Northampton Counties submitted on June 7, 1979, by the Governor.

(24) Transportation element of the SIP for the Wilkes-Barre area submitted on June 8, 1979, by the Secretary

of the Pennsylvania Department of Environmental Resources.

(25) Total Suspended Particulate, State Implementation Plan for Pennsylvania, submitted on June 12, 1979, by the Secretary of the Pennsylvania Department of Environmental Resources.

(26) Special Permit Requirements for Sources Locating in or Significantly Impacting Nonattainment Areas and a revision of Sampling and Testing methods for total suspended particulate amending Chapters 121, 127, and 139 of the Pennsylvania Code submitted on June 12, 1979, by the Secretary of the Pennsylvania Department of Environmental Resources.

(27) Transportation element for the Harrisburg area submitted on June 13, 1979, by the Secretary of the Pennsylvania Department of Environmental Resources.

(28) Allegheny County Volatile Organic Compound Regulations amending Chapters I, II, and V of Allegheny County Regulations submitted on June 13, 1979, by the Secretary of the Pennsylvania Department of Environmental Resources.

(29) Documentation of the status of transportation/air quality measures in a letter of August 20, 1979 from the Lackawanna County Planning Commission.

(30) Information from the Southwestern Pennsylvania Regional Planning Commission of September 17, 1979 on the calculation of emission estimates and the status of certain transportation measures.

(31) Reclassification of several transportation measures in the transportation/air quality study for the Allentown-Bethlehem-Easton area, submitted by the Commonwealth on November 19, 1979.

(32) Substantiation of TSP planning and attainment schedules submitted by the Commonwealth on November 28, 1979.

(33) A revision submitted by the Commonwealth of Pennsylvania on August 11, 1976 consisting of an amendment to the Pennsylvania Air Resources Regulations, Chapter 129, Standards for Sources, which relates to open burning.

(34) A revision was submitted by the Commonwealth of Pennsylvania on January 25, 1980, which is intended to establish an Ambient Air Quality Monitoring Network for the Commonwealth of Pennsylvania and the City of Philadelphia.

(35) Amendments to the Pennsylvania Air Resources Regulations, consisting of the addition of regulations for alternative emission reduction limitations (Sections 128.11 through 128.13 for Andre Greenhouses, Inc., and Section 128.14 for the 3M Co.), submitted on April 16, 1981.

(36) A revision submitted by the Commonwealth of Pennyslvania on April 9, 1981 providing for attainment of the SO_2 NAAQS in portions of Armstrong County, Pennsylvania.

(37) A revision submitted by the Commonwealth of Pennsylvania on June 5, 1980, consisting of amendments to Philadelphia's Air Management Regulations II and III, allowing a limiting resumption of industrial coal burning.

(38) A revision submitted by the Commonwealth of Pennsylvania on December 24, 1980 which is intended to establish an Ambient Air Quality Monitoring Network for Allegheny County.

(39) Amendments consisting of minor regulatory changes to Article III of the Pennsylvania Rules and Regulations for Air Resources governing Volatile Organic Compounds (VOC) emissions was submitted by the Commonwealth of Pennsylvania on December 16, 1980.

(40) A revision submitted by the Commonwealth of Pennsylvania on November 10, 1980 dividing the Beaver Valley Air Basin into an Upper Beaver Valley Air Basin and Lower Beaver Valley Air Basin and revising chapters 121 and 123.

(41) Revisions submitted by the Commonwealth of Pennsylvania on April 13, 1981, July 13, 1981 and August 17, 1981 to correct the conditionally approved and unapproved portions of Pennsylvania 1979 State Implementation Plan.

(42) A document entitled "Attainment Demonstration for Total Suspended Particulate in Nonattainment Area #3, Based Upon Alternate Emis-

sion Reduction Plan for Shenango, Inc." in Allegheny County, including the new section 902 of Article XX, submitted by the Commonwealth of Pennsylvania on May 18, 1981.

(43) Amendments to Air Management Regulations II and III, with supporting documents, submitted by Governor Dick Thornburgh on December 8, 1981, allowing the continued burning of anthracite coal in existing space heating units currently burning coal.

(44) [Reserved]

(45) Revisions submitted to the Commonwealth of Pennsylvania on February 23, 1982 to correct the conditionally-approved portions of the 1979 State Implementation Plan, specifically the two asphalt regulations in Allegheny County, Pa.

(42 U.S.C. 7401-7642, et seq.)

[38 FR 16567, June 22, 1973]

EDITORIAL NOTE: For Federal Register citations to § 52.2020, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: At 47 FR 25010, June 9, 1982, paragraph (c)(43) was added to § 52.2020, effective July 9, 1982. Paragraph (c)(43) was correctly designated as paragraph (c)(45) at 47 FR 28373, June 30, 1982.

§ 52.2021 Classification of regions.

The Pennsylvania plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone (hydrocarbons)
Metropolitan Philadelphia Interstate	I	I	III	I	I
Northeast Pennsylvania-Upper Delaware Valley Interstate	I	II	III	III	III
South Central Pennsylvania Intrastate	I	II	III	III	III
Central Pennsylvania Intrastate	I	III	III	III	III
Southwest Pennsylvania Intrastate	I	I	III	I	I
Northwest Pennsylvania-Youngstown Interstate	I	II	III	III	III

(42 U.S.C. 7401-7642)

[37 FR 10889, May 31, 1972, as amended at 39 FR 16347, May 8, 1974; 45 FR 33627, May 20, 1980]

§ 52.2022 Extensions.

(a) The Administrator hereby extends for 18 months the statutory timetable for submission of Pennsylvania's plan for attainment and maintenance of the secondary standards for sulfur oxides and particulate matter in the Southwest Pennsylvania Intrastate Region and in Pennsylvania's portion of the Metropolitan Philadelphia Interstate Region.

(b) The Administrator hereby extends for 2 years the attainment date for the national standards for carbon monoxide in the Southwest Pennsylvania Intrastate Region, for 1 year the attainment date for the national standard for photochemical oxidants in the Southwest Pennsylvania Intrastate Region, and for 1 year the attainment date for the national standards for carbon monoxide in the Pennsylvania portion of the Metropolitan Philadelphia Interstate Region.

(c) The Administrator hereby extends for 18 months, until July 1, 1980, the statutory timetable for submission of Pennsylvania's plan for attainment and maintenance of the secondary national ambient air quality standard for particulate matter in Pennsylvania's portion of the Metropolitan Philadelphia Interstate Air Quality Control Region.

(d) The Administrator hereby extends the attainment date for the national ambient air quality standard for ozone to December 31, 1987 for the following counties:

Allegheny, Armstrong, Beaver, Butler, Washington, Westmoreland, Bucks, Chester, Delaware, Montgomery, Philadelphia, Lehigh, and Northampton.

(e) The Administrator hereby extends the attainment dates for the national ambient air quality standards for carbon monoxide to June 30, 1983 for Philadelphia County and to December 31, 1985 for Allegheny County.

(42 U.S.C. 7401-7642)

[37 FR 10889, May 31, 1972, as amended at 38 FR 32893, Nov. 28, 1973; 45 FR 33627, May 20, 1980; 46 FR 43141, Aug 27, 1981]

§ 52.2023 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves Pennsylvania's plan for attainment and maintenance of the national standards.

(b) With respect to the transportation control plan submitted on April 13, 1973, the Administrator approves the inspection program, with the exceptions set forth in §§ 52.2030, 52.2031, and 52.2036 and promulgates rectifying provisions in §§ 52.2038 and 52.2053.

(c) With respect to the transportation control plan submitted on April 13, 1973, the Administrator approves the mass transportation improvements and automobile-use disincentives, with the exceptions set forth in §§ 52.2030, 52.2031, and 52. 2036, and promulgates rectifying provisions in §§ 52.2040, 52.2041, and 52.2043 through 52.2053.

(d) With respect to the transportation control plan submitted on April 13, 1973, the Administrator disapproves the plan for vehicle exclusion on selected days.

(e) With the exceptions set forth in this subpart, the Administrator approves Pennsylvania's plan for the attainment and maintenance of the national ambient air quality standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds that the plan satisfies all requirements of Part D, Title 1, of the Clean Air Act as amended in 1977, except as noted below.

(f) In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(g) New source review permits issued pursuant to section 173 of the Clean Air Act will not be deemed valid by EPA unless the provisions of Section V of the Emission Offset Interptive Rule, published on January 16, 1979, 44 FR 3274, are met.

(42 U.S.C. 7401-7642)

[38 FR 32893, Nov. 28, 1973, as amended at 45 FR 33627, May 20, 1980]

§ 52.2024 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the legal authority to provide for public availability of emission data is inadequate.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations, which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be sub-

mitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[39 FR 34537, Sept. 26, 1974, as amended at 40 FR 55333, Nov. 28, 1975]

§ 52.2025 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met, since section 5-1104 of the Philadelphia Home Rule Charter could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, section 5-1104 is disapproved.

[40 FR 55333, Nov. 28, 1975]

§§ 52.2026—52.2029 [Reserved]

§ 52.2030 Source surveillance.

(a) [Reserved]

(b) The requirements of § 51.19(b) of this chapter are not met since:

(1) The plan provisions for periodically testing stationary sources are inadequate in the areas under the jurisdiction of the Pennsylvania Department of Environmental Resources.

(2) The plan does not provide for stationary sources to be periodically inspected in the jurisdiction of the Allegheny County Health Department.

(c) The requirements of § 51.19(c) of this chapter are not met because the plan does not provide procedures for obtaining and maintaining data on actual emission reductions achieved as a result of implementing transportation control measures.

[37 FR 10889, May 31, 1972, as amended at 37 FR 15088, July 27, 1972; 38 FR 12701, May 14, 1973; 38 FR 16567, June 22, 1973]

§ 52.2031 Resources.

(a) The requirements of § 51.20 of this chapter are not met since the manpower projections for the Pennsylvania Bureau of Air Quality and Noise Control are not consistent with the projected workloads.

(b) The requirements of § 51.20 of this chapter are not met because the plan does not contain a sufficient description of resources available to the State and local agencies and of additional resources needed to carry out the plan during the 5-year period following submittal.

[37 FR 10889, May 31, 1972, as amended at 38 FR 16568, June 22, 1973]

§ 52.2032 Intergovernmental cooperation.

(a) The requirements of § 51.21(b) of this chapter are not met because the plan does not identify other State or local agencies or their responsibilities for implementing and carrying out designated portions of the plan.

(b) The requirements of § 51.21(c) of this chapter are not met because the plan does not indicate that Pennsylvania will transmit to the neighboring States of Maryland, New York, and West Virginia data about factors which may significantly affect air quality in those States.

[38 FR 16568, June 22, 1973]

§ 52.2033 Control strategy: Sulfur oxides.

(a) The revision to the control strategy resulting from the modification to the emission limitation applicable to the sources listed below or the change in the compliance date for such sources with the present emission limitation is hereby approved. All regulations cited are air pollution control regulations of the State, unless otherwise noted. (See § 52.2036 for compliance schedule approvals and disapprovals pertaining to one or more of the sources listed below.)

Source	Location	Regulation involved	Date of submittal
Clairton Coke and Coal Works (U.S. Steel).	Allegheny County.	Section 1809 (Article XVIII).	Dec. 14, 1972.
Industrial Boilers (U.S. Steel)	......do..........	......do..........	Do.

[38 FR 7459, Mar. 22, 1973]

§ 52.2034 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in the Pennsylvania plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Photochemical oxidants
	Primary	Secondary	Primary	Secondary			
Metropolitan Philadelphia Interstate:							
a. Philadelphia	[1]a	[3]d	[1]c	[4]b	[5]b	[2]*e*	[1]g
b. Remainder of AQCR (Pennsylvania portion)	[1]a	[3]d	[1]a	[4]b	[5]b	[2]b	[1]g
Northeast Pennsylvania Interstate:							
a. Allentown-Bethlehem-Easton Air Basin	[1]c	[1]g	[4]a	[1]b	[5]b	[5]b	[5]g
b. Reading Air Basin	[1]a	[1]g	[4]a	[1]b	[5]b	[5]b	[5]c
c. Scranton-Wilkes-Barre Air Basin	[1]a	[1]g	[4]a	[1]b	[5]b	[5]b	[5]c
d. Remainder of AQCR (Pennsylvania portion)	[1]a	[1]b	[4]a	[1]b	[5]b	[5]b	[5]c
South Central Pennsylvania Intrastate:							
a. Lancaster Air Basin	[1]c	[1]g	[1]a	[1]b	[5]b	[5]b	[5]c
b. Harrisburg Air Basin	[1]c	[1]g	[1]a	[1]b	[5]b	[5]b	[5]c
c. York Air Basin	[1]c	[1]g	[1]a	[1]b	[5]b	[5]b	[5]c
d. Remainder of AQCR	[1]a	[1]b	[1]a	[1]b	[5]b	[5]b	[5]c
Central Pennsylvania Intrastate:							
a. Johnstown Air Basin	[1]c	[1]g	[4]a	[5]b	[5]b	[5]b	[5]c
b. City of Williamsport	[1]a	[1]g	[4]a	[5]b	[5]b	[5]b	[5]c
c. City of Altoona	[1]a	[1]g	[4]a	[5]b	[5]b	[5]b	[5]c
d. Northumberland County	[1]a	[1]b	[5]b	[5]h	[5]b	[5]b	[5]c
e. Snyder County	[1]a	[1]b	[5]b	[5]h	[5]b	[5]b	[5]c
g. Remainder of AQCR	[1]a	[1]b	[4]a	[5]b	[5]b	[5]b	[5]c
Southwest Pennsylvania Intrastate:							
a. Monongahela Valley	[1]c	[1]g	[1]a	[5]b	[5]b	[5]b	[2]g
b. Allegheny County	[1]h	[5]h	[1]h	[5]h	[5]b	[2]*f*	[2]g
c. Lower Beaver Valley Air Basin	[1]c	[1]g	[1]c	[1]c	[5]b	[5]b	[2]g
d. Armstrong County	[1]a	[5]b	[1]c	[1]c	[5]b	[5]b	[2]g
e. Remainder of AQCR	[1]a	[5]b	[1]a	[5]b	[5]b	[5]b	[2]g
Northwest Pennsylvania Interstate:							
a. Erie Air Basin	[1]c	[1]g	[4]a	[5]b	[5]b	[5]b	[5]c
b. Mercer County	[1]c	[1]g	[4]a	[5]b	[5]b	[5]b	[5]c
c. Upper Beaver Valley Air Basin	[1]c	[1]g	[1]c	[1]c	[5]b	[5]b	[2]g
d. Warren County	[1]a	[1]b	[5]h	[5]h	[5]b	[5]b	[5]c
e. Remainder of AQCR (Pennsylvania portion)	[1]a	[1]b	[4]a	[5]b	[5]b	[5]b	[5]c

NOTE 1: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable:

a. Air quality levels presently below primary standards or area is unclassifiable.
b. Air quality levels presently below secondary standards or area is unclassifiable.
c. December 31, 1982.
d. 18-month extension to submit plan granted.
e. June 30, 1983.
f. December 31, 1985.
g. December 31, 1987.
h. As of December 31, 1979 no plan with attainment dates received; attainment of primary standards cannot be later than December 31, 1982.

NOTE 2: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) of the Clean Air Act prior to the 1977 amendments to the Act remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.2034 (1978) and are represented by the following superscripts:

1. July 1975.
2. 5 years from plan approval or promulgation.
3. 18-month extension granted.
4. Air quality levels below primary standards.
5. Air quality levels below secondary standards.

6. July 31, 1975.
7. May 31, 1976.
8. May 31, 1977.

(42 U.S.C. 7401-7642)

[45 FR 33627, May 20, 1980, as amended at 46 FR 43141, Aug. 27, 1981; 46 FR 43424, Aug. 28, 1981; 46 FR 61268, Dec. 16, 1981]

§ 52.2035 [Reserved]

§ 52.2036 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted. (See §§ 52.2026, 52.2027, and 52.2033 for control strategy revision approvals and disapprovals pertaining to one or more of the sources listed below.)

Source	Location	Regulation involved	Date issued by State or local agency
Clairton Coke and Coal Works (U.S. Steel)	Allegheny County	Section 1809 (Article XVIII)	
Coke ovens (Schedule A)			Sept. 25, 1972.
Coke quenching (Schedule D)			Oct. 20, 1972.
Coke-oven gas combustion (Schedule B), as to the final compliance date only.			Do.
Industrial Boilers (U.S. Steel)	Allegheny County	Section 1809 (Article XVIII)	Do.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Philadelphia Electric Co	Philadelphia County.	Section 30201(a) and 30207(i)(a) (Philadelphia Air Management Code); Air Management Regulation III, Section IA.	Jan. 25, 1974	Jan. 1, 1974	Mar. 31, 1974.
Rohm and Haas Co	do	do	Jan. 11, 1974	do	Apr. 30, 1974.
Atlantic Richfield Co	Philadelphia	Section 30201(a) and 30207(i)(a) (Philadelphia Air Management Code); Air Management Regulation III, Section IA.	Jan. 31, 1974	Feb. 1, 1974	May 1, 1974.
Union Electric Steel Corp., State order No.: 73-659-V.	Burgettstown	Section 123.1	July 2, 1973	Immediately	July 1, 1974.
P. H. Glatfelter Co., State order No.: 73-668-V.	Spring Grove	123.11, 123.41	July 5, 1973	do	May 22, 1975.
P. H. Glatfelter Co., State order No.: 73-665-V.	do	123.11, 123.41	July 2, 1973	do	Sept. 1, 1974.
D. M. Stoltfus & Son, Inc., State order No. : 73-621-V.	Fulton Township	123.1, 123.13	Apr. 17, 1973	do	Do.
Rohrer's Quarry, Inc., State order No.: 73-624-V.	Penn Township	123.1	Apr. 12, 1973	do	Jan. 18, 1975.
Michael Berkowitz Co., Inc., State order No.: 73-677-V.	South Union Township.	123.41	July 18, 1973	do	Sept. 2, 1974.
Keystone Portland Cement Co., State order No.: 73-651-V as amended July 23, 1973.	East Allen Township.	123.13	June 22, 1973	do	Dec. 1, 1974.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Ruane Coal & Coke Co., State order No.: 73-683-V.	Georges Township.	123.1, 123.2, 123.13, 123.21, 123.31, 123.41.	July 27, 1973	do	Dec. 31, 1974.
Metropolitan Edison Co., State order No.: 73-723-V State.	Cumru Township.	123.11, 123.22, 123.41.	Aug. 22, 1973	do	Mar. 1, 1975.
Armstrong Cork Co., State order No.: 73-696-V as amended Nov. 19, 1973.	Lancaster	123.13, 123.41	Aug. 17, 1973	do	Sept. 19, 1974.
Armstrong Cork Co., State order No.: 73-694-V as amended Nov. 19, 1973.	do	123.13, 123.41	Aug. 22, 1973	do	July 19, 1974.
Armstrong Cork Co., State order No.: 73-695-V as amended Nov. 19, 1973.	do	123.13, 123.41	Aug. 16, 1973	do	Sept. 19, 1974.
Armstrong Cork Co., State order No.: 73-692-V	do	123.13, 123.41	Aug. 17, 1973	do	Dec. 19, 1974.
Keystone Lime Co., State order No.: 73-716-V.	Elk Lick Township.	123.1, 123.13	do	do	May 1, 1975.
FMC Corp., American Viscose Division, State order No.: 73-712-V as amended Sept. 18, 1973.	Lewistown	123.11	Aug. 15, 1973	do	Sept. 18, 1974.
Narehood Brothers, Inc., State order No.: 73-735-V.	Tyrone	123.1	Aug. 14, 1973	do	Sept. 1, 1974.
General Refractories Co., State order No.: 73-709-V as amended Sept. 11, 1973.	Frankstown Township.	123.13	do	do	Dec. 31, 1974.
Bethlehem Steel Corp., State order No.: 73-757-V.	Steelton	123.41	Sept. 24, 1973	do	May 22, 1975.
Bethlehem Steel Corp., State order No.: 73-756-V.	do	123.1, 123.13, 123.41.	Sept. 26, 1973	do	July 1, 1975.
Allentown Portland Cement Co., State order No.: 73-768-V.	Maidencreek Township.	123.13	Sept. 24, 1973	do	Dec. 31, 1974.
Meehan Oil Co., Inc., State order No.: 73-774-V.	Tullytown Borough.	129.1, 129.2, 129.3.	Sept. 27, 1973	do	Sept. 15, 1974.
Fasson Division of Avery Products, Inc., State order No.: 73-780-V	Quakertown	123.31	Oct. 1, 1973	do	May 31, 1975.
Carpentertown Coal & Coke Co., State order No.: 73-682-V.	Boggs Township.	123.13, 123.31, 123.41.	July 26, 1973	do	Dec. 31, 1974.
Pennsylvania Power & Light Co., State order No.: 73-680-V.	Holtwood	123.11	July 25, 1973	do	May 1, 1975.
Bethlehem Mines Corp., State order No.: 73-786-V.	North Anville Township.	123.13, 123.41	Oct. 5, 1973	do	Mar. 31, 1975.
Gunnison Brothers, Inc., State order No.: 73-802-V.	Girard	123.11	Oct. 17, 1973	do	Dec. 31, 1974.
Witco Chemical Corp., State order No.: 73-789-V.	Petrolia	123.11,123.13, 123.21, 123.22, 123.12.	Oct. 12, 1973	do	Mar. 19, 1975.
GAF Corporation, State order No.: 73-792-V.	Erie	123.31	do	do	Nov. 30, 1974.
Corning Glass Works, State order No.: 73-795-V.	Wellsboro	123.13, 123.41	do	do	Dec. 31, 1974.
Bethlehem Mines Corp., State order No.: 73-744-V as amended Oct. 4, 1973.	Bethlehem	123.12, 123.31, 123.41.	Sept. 4, 1973	do	Apr. 30, 1975.
Gold Bond Building Products, Division of National Gypsum Co., State order No.: 73-794-V.	Bellefonte	123.1	Oct. 9, 1973	do	Sept. 15, 1974.
Truxell Foundry Co., State order No.: 73-870-V.	Jeannette	123.13	Dec. 12, 1973	do	Dec. 31, 1974.
Mount Pleasant Foundry, State order No.: 73-869-V.	Mount Pleasant	123.13	Dec. 14, 1973	do	Do.
Reading Metals Refining Corp., State order No.: 74-893-V	Ontelaunee Township	123.13, 123.41	Feb. 1, 1974	do	May 21, 1975.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Witco Chemical Co., State order No.: 74-891-V.	Bradford	123.13	Jan. 29, 1974	do	Mar. 19, 1975.
Witco Chemical Co., State order No.: 74-890-V.	do	123.41	do	do	Do.
Witco Chemical Co., State order No.: 74-898-V.	do	123.11, 123.22	Jan. 31, 1974	do	Do.
Witco Chemical Co., State order No.: 74-897-V.	do	123.13	Jan. 30, 1974	do	Do.
Sun Oil Co., State order No.: 74-921-V.	Marcus Hook	123.41	Feb. 27, 1974	do	Sept. 19, 1974.
B. F. Goodrich Tire Co., State order No.: 74-942-V.	Upper Providence Township.	123.11, 123.22, 123.41.	do	do	Sept. 30, 1974.
Firestone Tire and Rubber Co., State order No.: 73-831-V.	Lower Pottsgrove Township.	123.22, 123.31, 123.41.	Nov. 19, 1973	do	May 31, 1975.
American Can Co., State order No.: 73-846-V.	Falls Township	123.31	Nov. 21, 1973	do	June 1, 1975.
Glass Containers Corp., State order No.: 73-850-V.	Marienville	123.13	do	do	June 30, 1975.
National Can Corp., State order No.: 73-833-V.	Falls Township	123.1, 123.31, 123.41.	do	do	May 31, 1975.
Medusa Corp., State order No.: 73-819-V.	Wampum	123.13, 123.41	Nov. 7, 1973	do	Apr. 1, 1975.
Scott Paper Co., State order No.: 73-830-V.	Eddystone	123.22	Nov. 19, 1973	do	May 31, 1975.
Scott Paper Co., State order No.: 73-829-V.	Chester City	123.22	do	do	Do.
Synthane Taylor Corp., State order No.: 73-834-V.	West Norriton Township.	123.31(a)(1), 123.31(b).	Nov. 23, 1973	do	Do.
Westinghouse Electric Corp., State order No.: 73-818-V.	Sharon	123.11	Nov. 7, 1973	do	Feb. 1, 1975.
Sun Oil Co., State order No.: 73-812-V.	East Whiteland Township.	129.2, 129.3	Nov. 14, 1973	do	Dec. 1, 1974.
Pennzoil Co., State order No.: 73-820-V.	Rouseville	123.11, 123.22, 123.41.	Nov. 8, 1973	do	Jan. 1, 1975.
Koppers Co., Inc., State order No.: 73-734-V-A.	Petrolia	123.13	Nov. 9, 1973	do	Mar. 18, 1975.
Valley Grove School District, State order No.: 73-840-V.	Rocky Grove	123.11, 123.41	Nov. 19, 1973	do	Sept. 1, 1974.
Bethlehem Steel Corp., State order No.: 73-758-V.	Steelton	123.41	Sept. 24, 1975	do	May 22, 1975.
Molybdenum Corp. of America, State order No.: 73-658-V.	Canton Township.	123.13, 123.21	July 2, 1973	do	Dec. 31, 1974.
Washington School District, State order No.: 73-660-V.	Washington	123.41	do	do	May 22, 1975.
Fasson, Division of Avery Products Corp., State order No.: 73-780-V-A.	Quakertown	123.31	Oct. 24, 1973	do	May 31, 1975.
Charmin Paper Products Co., State order No.: 73-763-V.	Mehoopany	123.11, 123.22	Sept. 20, 1973	do	June 13, 1975.
Brockway Clay Co., State order No.: 73-743-V.	Brockway	123.11, 123.22, 123.41.	Aug. 29, 1973	do	Nov. 30, 1974.
Penn-Dixie Cement Corp., State order No.: 73-742-V.	West Winfield	123.13	do	do	Oct. 5, 1974.
Philco-Ford Corp., State order No.: 73-737-V.	Watsontown	123.11, 123.41	Aug. 28, 1973	do	Dec. 31, 1974.
Philco-Ford Corp., State order No.: 73-738-V.	do	123.13	Aug. 27, 1973	do	Aug. 31, 1974.
Whitehall Cement Mfg. Co., State order No.: 73-722-V.	Whitehall Township.	123.13	Aug. 22, 1973	do	July 31, 1974.
Mackintosh-Hemphill, Division of E. W. Bliss Co., State order No.: 73-727-V.	Midland	123.13	do	do	July 1, 1975.
Metropolitan Edison Co., State order No.: 73-724-V.	Portland	123.11, 123.22, 123.41.	do	do	Mar. 5, 1975.
General Electric Co., Transportation System Business Div., State order No.: 73-801-V.	Erie	123.22	Oct. 17, 1973	do	July 1, 1975.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Glass Containers Corp., State order No. 73-739-V.	Parker	123.13	Aug. 28, 1973	do	June 30, 1975.
Paterson Parchment Paper Co., State order No. 73-828-V.	Bristol Township	123.22	Nov. 14, 1973	do	May 15, 1975.

ALLEGHENY COUNTY

Source	Location	Article XVIII section—	Date of adoption	Effective date	Final compliance date
United States Steel Corp., county docket No.: 141 P 131-8.	Clairton	1810.1A	July 3, 1973	July 13, 1973	May 15, 1975.
Phillips Petroleum Co., county compliance order No.: 177 P 3027.	Indianola	1810.1B	June 20, 1973	June 30, 1973	Dec. 4, 1974.
Carnegie-Mellon University county compliance order No.: 14c 352-354.	Schenly Park	1809.3A, 1809.3B.	May 17, 1973	May 27, 1973	Oct. 1, 1974.
American Oil Co., county compliance order No.: 191 P.	Hays	1810.1B	June 20, 1973	June 30, 1973	Nov. 30, 1974.
Vulcan Materials Co., county compliance order No.: 121 c 156.	Neville Island	1809.3B.2	Mar. 20, 1973	Mar. 30, 1973	Aug. 1, 1974.
United States Steel Corp., county compliance order No.: 140 P 125.	do	1810.2A, 1810.2B.	Sept. 4, 1973	Sept. 14, 1973	May 15, 1975.
United States Steel Corp., county compliance orders Nos.: 138 P 124 and 139 P 126.	do	1810.1, 1809.4	June 21, 1973	July 1, 1973	May 31, 1975.
Armour & Co., county compliance order No.: 186 P 3528.	Pittsburgh	1809.1A, 1809.8	Aug. 6, 1973	Aug. 16, 1973	Oct. 31, 1974.
Ashland Petroleum Co., county compliance order No.: 100 P 356.	Floreffe	1809.1B, 1810.1D.	May 21, 1973	May 31, 1973	Jan. 31, 1975.
H. J. Heinz Co., county compliance order No.: 45 c 186-187.	Pittsburgh	1809.1A, 1809.3A, 1809.3B.	Jan. 15, 1973	Jan. 25, 1973	July 31, 1974.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Armco Steel Corp. State Order No. 73-859-V.	Butler Township	123.1	Nov. 30, 1973	Immediately	Jan. 1, 1975.
Braeburn Alloy Steel Division, Continental Copper & Steel Industries, Inc. State Order No. 73-868-V.	Braeburn	123.13	Dec. 12, 1973	do	Dec. 31, 1974.
Committee on Masonic Homes, State Order No. 73-823-V.	Elizabethtown	123.11, 123.41	Nov. 9, 1973	do	Oct. 31, 1974.
Continental Can Co., Inc., State Order No. 73-848-V.	Oil City	123.13, 123.31, 123.41.	Nov. 26, 1973	do	June 30, 1975.
G. & W. H. Corson, Inc., State Order No. 73-867-V.	Whitemarsh Township.	123.13, 123.41	Dec. 11, 1973	do	May 15, 1975.
Glass Containers Corp., State Order No. 73-849-V.	Knox	123.13	Nov. 30, 1973	do	June 30, 1975.
B. F. Goodrich Tire Co., State Order No. 74-941-V.	Upper Providence Township.	123.31	Feb. 13, 1974	do	May 31, 1975.
Heinz U.S.A., Division of H. J. Heinz Co., State Order No. 74-931-V.	Chambersburg	123.11	do	do	Nov. 1, 1974.
Kerr Glass Manufacturing Corp., State Order No. 73-779-V, as amended Nov. 8, 1973.	Lancaster	123.31	Oct. 1, 1973	do	Nov. 15, 1974.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Lukens Steel Co., State Order No. 73-860-V.	Coatesville	123.1, 123.2, 123.13, 123.41.	Nov. 30, 1973	do	Dec. 15, 1974.
Mercer Lime & Stone Co., State Order No. 73-644-V, as amended Nov. 9, 1973.	Branchton	123.13	June 1, 1973	do	Dec. 31, 1974.
North American Refractories Co., State Order No. 73-775-V-A.	Womelsdorf	123.31	Apr. 16, 1974	do	May 1, 1974.
Owens-Illinois, Inc., State Order Nos.:					
73-854-V	Clarion	123.13, 123.41	Nov. 30, 1973	do	July 1, 1975.
73-855-V	do	123.13, 123.41	do	do	Jan. 1, 1975.
73-856-V	do	123.12	Dec. 3, 1973	do	July 1, 1975.
Pennsylvania Power & Light Co., State Order Nos.:					
73-753-V	East Manchester.	123.11, 123.41	Sept. 13, 1973	do	Nov. 1, 1974.
74-953-V	Washingtonville	123.22	Mar. 6, 1974	do	July 1, 1975.
Stackpole Carbon Co., State Order No. 73-853-V.	Benzinger Township, Kane and St. Marys.	Ch. 123	Nov. 30, 1973	do	June 19, 1975.
Stauffer Chemical Co., State Order No. 73-844-V.	Morrisville	123.13	Dec. 3, 1973	do	May 15, 1975.
Sun Oil Co., State Order Nos.:					
74-915-V, as amended March 8, 1974.	Marcus Hook	123.21	Feb. 22, 1974	do	May 31, 1975.
74-919-V, as amended July 23, 1974.	do	129.4	Feb. 28, 1974	do	Do.
74-920-V, as amended March 15, 1974.	do	123.31	Mar. 8, 1974	do	Do.
74-922-V	do	123.41	do	do	Sept. 19, 1974.
United Refining Co., State Order No.: 73-808-V.	Warren	123.13	Oct. 17, 1973	do	Mar. 31, 1975.
United States Steel Corp., State Order Nos.:					
74-965-V	Falls Township	123.13, 123.41	Mar. 29, 1974	do	May 31, 1975.
74-966-V	Fairless Hills	129.2	do	do	Oct. 31, 1974.
Anchor Hocking Corp., State Order No.: 73-729-V.	South Connellsville.	123.13(c), 123.41.	Aug. 23, 1973	do	July 31, 1975.
Appleton Papers Inc., State Order No.: 73-805-V, as amended Mar. 15, 1974.	Roaring Spring	123.11, 123.31	Oct. 18, 1973	do	Do.
Atlantic Steel Castings Co., State Order No.: 73-832-V.	Chester City	123.13	Nov. 19, 1973	do	Do.
Bethlehem Steel Corp., State Order No.: 73-701-V, as amended May 21, 1974.	Bethlehem	123.1, 123.13, 123.23, 123.31, 123.41.	Aug. 8, 1973	do	Do.
Corning Glass Works, State Order No.: 73-730-V, as amended Apr. 5, 1974.	Charleroi	123.13, 123.41	Aug. 22, 1973	do	Do.
Corning Glass Works, State Order No.: 74-909-V.	do	123.13, 123.41	Jan. 31, 1974	do	Do.
H & E Manufacturing Co., State Order No.: 73-836-V, as amended May 21, 1974.	Picture Rocks	123.11, 123.41	Nov. 7, 1973	do	Dec. 31, 1974.
Hammermill Paper Co., State Order No.: 73-800-V, as amended Nov. 15, 1973.	Erie	123.11, 123.22, 123.41.	Oct. 17, 1973	do	July 31, 1975.
Hammermill Paper Co., State Order No.: 73-824-V.	Lock Haven	123.11, 123.41	Nov. 14, 1973	do	Do.
Kraftco Corp., Metro Containers, State Order No.: 73-732-V, as amended May 6, 1974.	Washington	123.13	Sept. 7, 1973	do	Do.
National Roll Division, General Steel Industries, Inc., State Order No.: 73-797-V.	Avonmore	123.13	Oct. 17, 1973	do	Do.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Penntech Papers, Inc., State Order No: 73-852-V, as amended Dec. 21, 1973.	Johnsonburg	123.2, 123.11, 123.13, 123.22, 123.31, 123.41, 131.2, 131.3.	Dec. 4, 1973	do	Do.
Reading Metals Refining Corp., State Order No.: 74-894-V, as amended May 21, 1974.	Ontelaunee	123.13, 123.41	Jan. 25, 1974	do	May 21, 1975.
Roessing Bronze Co., State Order No.: 73-766-V.	Adams Township.	123.13	Sept. 18, 1973	do	July 31, 1975.
Sun Oil Co., State Order No.: 74-916-V, as amended May 21, 1974.	Marcus Hook	123.31	Feb. 27, 1974	do	Mar. 19, 1975.
Sun Oil Co., State Order No.: 74-918-V.	do	129.2	Feb. 22, 1974	do	May 31, 1975.
Jones & Laughlin Steel Corp., County Order No.: 54 C 212.	Pittsburgh	1809.6B.2	Apr. 3, 1973	Apr. 10, 1973	July 1, 1975.
Shenango, Inc., County Order No.: 35 C 108-109.	Neville Island	1809.6B.2	June 11, 1973	June 21, 1973	June 1, 1975.
U.S. Steel Corp., County Order No.: 143 P 127.	Duquesne	1809.1, 1809.4A	July 3, 1973	July 13, 1973	May 1, 1975.
West Penn Power Co., Order No. 73-679-V.	Armstrong County.	123.11, 123.22, 123.41.	July 20, 1973	Immediately	Apr. 30, 1975.

Schedule C, except that such approval for Clairton Boiler No. 1 and Irvin Boiler No. 7 relates to the final compliance date only.

[38 FR 7459, Mar. 22, 1973, as amended at 39 FR 12103, Apr. 3, 1974; 39 FR 16123, May 7, 1974; 39 FR 30350, Aug. 22, 1974; 39 FR 36482, Oct. 10, 1974; 39 FR 41364, Nov. 27, 1974; 40 FR 26676, June 25, 1975]

§ 52.2037 Control strategy: Carbon monoxide and ozone (hydrocarbons).

(a) Part D—Conditional Approval—the Pennsylvania plan for carbon monoxide and ozone is approved provided that the following conditions are satisfied:

(1) Firm commitments to implement the Newton Branch electrification are submitted to EPA by December 30, 1980. If firm commitments are not submitted, the State must submit substitute measures with equivalent reductions by June 30, 1981.

(2) The limit of the solvent content in emulsified asphalt contained in Allegheny County's regulations is made consistent with EPA policy, and revised regulations are submitted to EPA.

(42 U.S.C. 7401-7462)

[46 FR 17553, Mar. 19, 1981, as amended at 47 FR 8359, Feb. 26, 1982; 47 FR 25010, June 9, 1982]

Effective Date Note: At 47 FR 25010, June 9, 1982, paragraph (a)(2) was removed from § 52.2037, effective July 9, 1982.

§ 52.2038 Inspection and maintenance.

(a) Definitions:

(1) "Inspection and maintenance program" means a program to reduce emissions from in-use vehicles through identifying vehicles that need emission control related maintenance and requiring that such maintenance be performed.

(2) "Light-duty vehicle" means a gasoline powered motor vehicle rated at 6,000 lb GVW (gross vehicle weight) or less.

(3) "Medium-duty vehicle" means a gasoline powered motor vehicle rated at more than 6,000 lb GVW and less than 10,000 lb GVW.

(4) All other terms used in this section which are defined in Appendix N to Part 51 of this chapter, are used herein with the meanings so defined.

(b) This section is applicable in the Pennsylvania portion of the Metropolitan Philadelphia Interstate AQCR and in the Southwest Pennsylvania Intrastate AQCR.

(c) The Commonwealth of Pennsylvania shall submit to the Administrator, no later than February 1, 1974, a detailed compliance schedule showing the steps that will be taken to establish and enforce an inspection and maintenance program pursuant to paragraph (d) of this section. The compliance schedule shall include:

(1) The text of any statutory proposals and regulations that are needed to carry out the inspection/maintenance program.

(2) A detailed timetable describing the steps that must be taken (and the date by which such steps will be taken) to ensure the timely submittal of any needed legislation to the legislature and to ensure timely adoption of the regulations needed for paragraph (d) of this section.

(3) A signed statement by the chief executive of the Commonwealth identifying the sources and amounts of funding for the inspection/maintenance program. If funds cannot legally be obligated under existing statutory authority, the text of the needed legislation shall be submitted to the Administrator pursuant to paragraph (c)(1) of this section.

(d) The Commonwealth of Pennsylvania shall establish an inspection and maintenance program applicable to all light- and medium-duty vehicles subject to registration in Pennsylvania and registered to persons residing in any area defined in paragraph (b) of this section. No later than April 1, 1974, the Commonwealth of Pennsylvania shall submit legally adopted regulations to the Administrator establishing such a program. The Commonwealth may exempt any class or category of vehicles which the Commonwealth finds is rarely used on public streets and highways (such as classic or antique vehicles). The regulations shall include:

(1) Provisions for the inspection of all light- and medium-duty vehicles subject to this section at periodic intervals of no more than 1 year by means of an idle test. Such inspection must be performed within one of the AQCR's subject to this section.

(2) Provisions for inspection failure criteria consistent with average annual vehicular exhaust emissions reductions of 8 percent for carbon monoxide and 10 percent for hydrocarbons of the amounts that would have been emitted by vehicles subject to this section without the program. These criteria shall include an initial failure rate of 30 percent.

(3) Provisions to require that failed vehicles receive, within 2 weeks, the maintenance necessary to achieve compliance with the inspection standards. This shall include sanctions against individual owners and repair facilities, retest of failed vehicles following maintenance, a certification program to ensure that repair facilities performing the required maintenance above the necessary equipment, parts, and knowledgeable operators to perform the tasks satisfactorily, and such other measures as may be necessary or appropriate.

(4) A program of enforcement to ensure that vehicles are not intentionally readjusted or modified subsequent to the inspection and/or maintenance in such a way as would cause them no longer to comply with the inspection standards. This might include spot checks of idle adjustments and/or a suitable type of physical tagging. This program shall include appropriate penalties for violation.

(5) Designation of the agency or agencies responsible for conducting, overseeing, and enforcing the inspection and maintenance program.

(6) Provisions for beginning the first inspection cycle no later than May 1, 1975, and for completing it no later than April 30, 1976.

(7) Criteria and procedures for identifying, whether by specially marked license plates, registration cards, or otherwise, vehicles subject to the requirements of this section.

(e) After April 30, 1976, the Commonwealth of Pennsylvania shall not allow to operate on its streets and highways vehicles subject to this section which do not display a valid State sticker certifying compliance with the applicable standards and procedures of paragraph (d) of this section. This shall not apply to the initial registration of a new motor vehicle.

(f) After April 30, 1976, no owner of a vehicle subject to this section shall operate or allow to be operated a vehicle which does not display a valid State sticker certifying compliance with the applicable standards and procedures adopted pursuant to paragraph (d) of this section. This shall not apply to the initial registration of a new motor vehicle.

(g) The requirements of this section shall apply to any vehicle registered to any person residing outside any area defined in paragraph (b) of this section if said vehicle is used primarily within any such area.

[38 FR 32893, Nov. 28, 1973]

§ 52.2039 Air bleed to intake manifold retrofit.

(a) Definitions:

(1) "Air bleed to intake manifold retrofit" means a system or device (such as a modification to the engine's carburetor or positive crankcase ventilation system) that results in engine operation at an increased air-fuel ratio so as to achieve reductions in exhaust emissions of hydrocarbons and carbon monoxide from 1967 and earlier light-duty vehicles of at least 21 percent and 58 percent, respectively.

(2) "Light-duty vehicle" means a gasoline-powered motor vehicle rated at 6,000 lb GVW (gross vehicle weight) or less.

(3) All other terms used in this section that are defined in Appendix N, to Part 51 of this chapter, are used herein with the meanings so defined.

(b) This section is applicable in the Allegheny County portion of the Southwest Pennsylvania Intrastate AQCR and the Pennsylvania portion of the Metropolitan Philadelphia Interstate AQCR.

(c) The Commonwealth of Pennsylvania shall establish a retrofit program to ensure that on or before June 1, 1976, all light-duty vehicles of model years prior to 1968, subject to registration in Pennsylvania and registered to persons residing in any area defined in paragraph (b) of this section, are equipped with an appropriate air bleed to intake manifold retrofit device. No later than April 1, 1974, the Commonwealth shall submit legally adopted regulations to the Administrator establishing such a program. The Commonwealth may exempt any class or category of vehicles that the Commonwealth finds is rarely used on public streets and highways (such as classic or antique vehicles). The regulation shall include:

(1) Designation of an agency responsible for evaluating and approving such devices for use on vehicles subject to this section.

(2) Designation of an agency, responsible for ensuring that the provisions of paragraph (c)(3) of this section are enforced.

(3) Provisions for beginning the installation of the air bleed devices by August 1, 1975, with installation of the devices on all vehicles subject to this section no later than May 31, 1976.

(4) Procedures for ensuring that those installing the retrofit devices have the training and ability to perform the needed tasks satisfactorily and will have an adequate supply of retrofit components.

(5) Criteria and pcocedures for identifying, whether by specially marked license plates, registration cards, or otherwise, vehicles subject to the requirements of this section.

(d) After June 1, 1976, the Commonwealth shall not register or allow to operate on its streets or highways any light-duty vehicle subject to this section which does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section.

(e) After June 1, 1976, no owner of a vehicle subject to this section shall operate or allow the operation of any such vehicle that does not comply with the applicable standards and procedures implementing this section.

(f) The Commonwealth of Pennsylvania shall submit to the Administrator no later than February 1, 1974, a detailed compliance schedule showing the steps it will take to establish and enforce a retrofit program pursuant to paragraph (c) of this section, including:

(1) The text of statutory proposals and regulations that the Commonwealth proposes for adoption.

(2) The date by which the State will recommend needed legislation to the State legislature.

(3) The date by which the Commonwealth will evaluate and approve devices for use in this program. Such date shall be no later than September 30, 1974.

(g) The requirements of this section shall apply to any vehicle registered to any person residing outside any area defined in paragraph (b) of this section if said vehicle is used primarily within any such area.

[38 FR 32894, Nov. 28, 1973]

§ 52.2040 [Reserved]

§ 52.2041 Study and establishment of bikeways.

(a) Definitions:

(1) "Philadelphia CBD" is defined as the area within the City of Philadelphia, Pennsylvania, bounded by, but not including Vine Street, South Street, the Schuylkill River, and the Delaware River.

(2) "Pittsburgh CBD" is defined as the area enclosed by the Allegheny River, the Monongahela River, and I-876. I-876 is not included.

(b) This section is applicable in the Southwest Pennsylvania Intrastate AQCR and in the Pennsylvania portion of the Metropolitan Philadelphia Interstate AQCR (the Regions).

(c) The Commonwealth of Pennsylvania shall, according to the schedule set forth in paragraph (d) of this section, conduct a study of, and shall in that study recommend locations for exclusive bicycle lanes and bicycle parking facilities in the areas described in paragraph (b) of this section. The study shall be made with a view toward maximum safety and security. The study shall include consideration of the physical designs for such lanes and parking facilities, and of rules of the road for bicyclists and, to the extent that present rules must be modified because of bicycle lanes, new rules of the road for motorists. In conducting the study, opportunity shall be given for public comments and suggestions. The study shall recommend as large a network of new CBD-oriented commuter bicycle lanes and bicycle parking facilities as is practicable within the areas described in paragraph (b) of this section and shall recommend physical designs for said lanes and facilities. The networks shall contain at least 25 miles of exclusive bicycle lanes in each direction in the Pennsylvania portion of the Metropolitan Philadelphia Interstate AQCR and shall contain at least 10 miles of such lanes in each direction within the Southwest Pennsylvania Intrastate AQCR.

(d) The Commonwealth of Pennsylvania shall submit to the Administrator no later than March 1, 1974, a detailed compliance schedule showing the steps that will be taken to carry out the study required by paragraph (c) of this section. The compliance schedule shall at a minimum include:

(1) Designation of the agency responsible for conducting the study.

(2) A date for initiation of the study, which date shall be no later than May 1, 1974.

(3) A date for completion of the study, and submittal thereof to the Administrator, which date shall be no later than March 1, 1975.

(4) A detailed timetable describing the steps that must be taken and when these steps will be taken to ensure the timely submittal of any legislation needed to generally authorize establishment of bikeways and parking facilities in Pennsylvania to the State legislature.

(e) On or before April 1, 1975, the Administrator shall submit to the Commonwealth of Pennsylvania his response to the study required by paragraph (c) of this section, and shall, in that response, either approve the route and parking facility location and designs recommended in the study, or shall designate alternative and/or additional route and parking facility locations and designs.

(f) The Commonwealth of Pennsylvania, and such county and local jurisdictions as the Commonwealth shall request to participate in the establishment of the networks (the Commonwealth must request the participation of a county or local jurisdiction if the participation of that jurisdiction is necessary to the establishment of the lanes and other facilities required by this section) shall establish, according to the schedule set forth in the compliance schedule required by paragraph (g) of this section, bike lanes and parking facilities along the routes and in the locations approved or designated by the Administrator pursuant to paragraph (e) of this section.

(g) On or before June 1, 1975, the Commonwealth of Pennsylvania, and such county and local jurisdictions as the Commonwealth has requested to participate (and are, therefore, required to participate by paragraph (f) of this section) shall submit to the Administrator compliance schedules which shall show in detail the steps which each governmental entity will take to establish the bike lanes and parking facilities required by this section. The schedule must include as a minimum the following:

(1) Each lane and parking facility must be identified with a date set for its establishment.

(2) The design, security, and safety features of each lane and parking facility must be precisely described and shown to be in accord with the designs approved or designated by the Administrator pursuant to paragraph (e) of this section.

(3) A date must be set for the initiation of lane and parking construction, which date shall be no later than September 1, 1975.

(4) A date must be set for completion of 50 percent of lane and parking construction, which date shall be no later than February 1, 1976.

(5) A date must be set for completion of 100 percent of lane and parking construction, which date shall be no later than May 31, 1976.

(6) Designation must be made of the agencies responsible for guaranteeing the establishment of the lanes and facilities in accordance with the Administrator's response to the Commonwealth study.

(7) Signed statements of the chief executives of all jurisdictions involved in the establishment of the lanes and parking facilities required by this section, or their designees, must be submitted identifying the sources and amounts of funding for the programs required by this section, along with a timetable to ensure that proper funds will be available.

(h) No later than August 1, 1975, each governmental entity required by this section to establish bicycle lanes and/or parking facilities, shall submit to the Administrator legally adopted regulations sufficient to implement and enforce all of the requirements of this section.

(i) Notwithstanding paragraph (c) of this section, if prior to the completion and submittal of the study required by paragraph (c) of this section, the Commonwealth of Pennsylvania has good and reasonable cause, through public comment or otherwise, to believe that the maximum practicable network of bicycle lanes will be less than 25 miles, in each direction, in the Pennsylvania portion of the Metropolitan Philadelphia Interstate AQCR, and/or less than 10 miles, in each direction, in the Southwest Pennsylvania Intrastate AQCR, the Commonwealth shall so notify the Administrator and shall obtain his concurrence or nonconcurrence, and shall conduct the remainder of the study to assure that the network of lanes shall be that mileage specified by the Administrator. Notice pursuant to this paragraph shall be given no later than the beginning of the ninth month of the study.

[38 FR 32895, Nov. 28, 1973]

§ 52.2042 Gasoline transfer vapor control.

(a) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater.

(b) This section is applicable in the Allegheny County portion of the Southwest Pennsylvania Intrastate AQCR.

(c) No person shall transfer gasoline from any delivery vessel into any stationary storage container with a capacity greater than 250 gallons unless the displaced vapors from the storage container are processed by a system that prevents release to the atmosphere of no less than 90 percent by weight of organic compounds in said vapors displaced from the stationary container location.

(1) The vapor recovery portion of the system shall include one or more of the following:

(i) A vapor-tight return line from the storage container to the delivery vessel and a system that will ensure that the vapor return line is connected before gasoline can be transferred into the container.

(ii) Refrigeration-condensation system or equivalent designed to recover no less than 90 percent by weight of the organic compounds in the displaced vapor.

(2) If a "vapor-balance return" or "simple displacement" system is used to meet the requirements of this section, the system shall be so constructed as to be readily adapted to retrofit with an adsorption system, refrigeration-condensation system, or equivalent vapor removal system.

(3) The vapor-laden delivery vessel shall be subject to the following conditions:

(i) The delivery vessel must be so designed and maintained as to be vapor-tight at all times.

(ii) Within the Southwest Pennsylvania Intrastate AQCR, the vapor-laden delivery vessel may be refilled only at facilities equipped with a vapor recovery system or the equivalent, which can recover at least 90 percent by weight of the organic compounds in the vapors displaced from the delivery vessel during refilling.

(iii) Gasoline storage compartments of 1,000 gallons or less in gasoline delivery vehicles presently in use on the promulgation date of this section will not be required to be retrofitted with a vapor return system until January 1, 1977.

(iv) Facilities which have a daily throughput of 20,000 gallons of gasoline or less are required to have a vapor recovery system in operation no later than May 31, 1977. Delivery vessels and storage containers served exclusively by facilities required to have a vapor recovery system in operation no later than May 31, 1977, also are required to meet the provisions of this section no later than May 31, 1977.

(d) The provisions of paragraph (c) of this section shall not apply to the following:

(1) Stationary container having a capacity less than 550 gallons used exclusively for the fueling of implements of husbandry.

(2) Any container having a capacity of less than 2,000 gallons installed prior to promulgation of this section.

(3) Transfer made to storage tanks equipped with floating roofs or their equivalent.

(e) Every owner or operator of a stationary storage container or delivery vessel subject to this section shall comply with the following compliance schedule:

(1) *June 1, 1974.* Submit to the Administrator a final control plan, which describes at a minimum the steps that will be taken by the source to achieve compliance with the provisions of paragraph (c) of this section.

(2) *March 1, 1795.* Negotiate and sign all necessary contracts for emission control systems, or issue orders for the purchase of component parts to accomplish emissions control.

(3) *May 1, 1975.* Initiate on-site construction or installation of emission control equipment.

(4) *February 1, 1976.* Complete on-site construction or installation of emission control equipment.

(5) *March 1, 1976.* Assure final compliance with the provisions of paragraph (c) of this section.

(6) Any owner or operator of sources subject to the compliance schedule in this paragraph shall certify to the Administrator, within 5 days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(f) Paragraph (e) of this section shall not apply:

(1) To a source which is presently in compliance with the provisions of paragraph (c) of this section and which has certified such compliance to the Administrator by June 1, 1974. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator submits to the Administrator by June 1, 1974, a proposed alternative schedule. No such schedule may provide for compliance after March 1, 1976. Any such schedule shall provide for certification to the Administrator within 5 days after the deadline for each increment therein, as to whether or not that increment has been met. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(g) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (e) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(h) Any gasoline dispensing facility subject to this section that installs a storage tank after the effective date of this section shall comply with the requirements of paragraph (c) of this section by March 1, 1976, and prior to that date shall comply with paragraph (e) as far as possible. Any facility subject to this section that installs a storage tank after March 1, 1976, shall comply with the requirements of paragraph (c) of this section at the time of installation.

[38 FR 32896, Nov. 28, 1973]

EDITORIAL NOTE: For Federal Register citations to § 52.2042, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.2043 Computer carpool matching system.

(a) Definitions:

(1) "Carpool" means two or more persons utilizing the same vehicle.

(2) "Carpool matching" means assembling lists of commuters sharing similar travel needs and providing a mechanism by which persons on such lists may be put in contact with each other for the purpose of forming carpools.

(3) "Time-origin-destination (TOD) information" means information that identifies a commuters' work schedule, home and work location, or the location of other desired origins and destinations of trips (such as shopping or recreational trips).

(4) "Pilot program" means a program that is initiated on a limited basis for the purpose of facilitating a future full scale regional program.

(b) This section is applicable in the Southwest Pennsylvania Intrastate AQCR and in the Pennsylvania portion of the Metropolitan Philadelphia Interstate AQCR (the Regions).

(c) Beginning June 1, 1975, the Commonwealth of Pennsylvania shall, unless exempted by the Administrator on the basis of a finding that equivalent service is being or will be provided by some other public or private entity, establish a computer-aided carpool matching system which is conveniently available at least to all employees of employers within the Regions who employ 100 or more employees. The system shall, as soon as practicable, be made available to employees of smaller employers. No later than June 1, 1974, the Commonwealth of Pennsylvania shall submit to the Administrator a program, legally adopted (through regulation or statute) by and legally binding on the Commonwealth, providing for such a system. The program shall include:

(1) A method of collecting information that will include the following as a minimum:

(i) Provisions for each affected employee to receive an application form with a cover letter describing the matching program.

(ii) Provisions on each application for applicant identification of his TOD information, and the applicant's desire to drive only, ride only, or share driving.

(2) A computer method of matching information that will have provisions for locating each applicant's origin and destination within a grid system in each of the Regions and matching applicants with identical origin and destination grids and compatible work schedules.

(3) A method for providing continuing service so that the master list of all applicants is retained and available for use by new applicants, applications are currently available, and the master list is periodically updated to remove applicants who have moved from the area served.

(4) An agency or agencies responsible for operating, overseeing and maintaining the carpool computer matching system.

(d) No later than January 1, 1975, a pilot program shall be initiated in each Region identified in paragraph (b) of this section in preparation for the full implementation required under paragraph (c) of this section.

[38 FR 32897, Nov. 28, 1973]

§§ 52.2044—52.2048 [Reserved]

§ 52.2049 Specific express busways in Allegheny County.

(a) This section is applicable in the Allegheny County portion of the

Southwest Pennsylvania Intrastate AQCR.

(b) Each governmental entity having ownership or control over the following streets and highways, or any portion thereof, shall take all action necessary to establish the lanes indicated below, during the times indicated below, as lanes exclusively for use by buses. Lanes must be established in accordance with the schedule set forth in paragraph (d) of this section.

(1) One lane in each direction of Fifth Avenue in the City of Pittsburgh between Grant Street and Liberty Avenue shall be so reserved from 6 a.m. to 7 p.m., Monday through Saturday.

(2) One lane of Fifth Avenue in the City of Pittsburgh to serve buses traveling from Jumonville Street to Neville Street, shall be so reserved 24 hours per day, Monday through Saturday.

(3) One lane of Liberty Avenue in the City of Pittsburgh to serve buses traveling from Grant Street to 32nd Street shall be so reserved from 4:30 p.m. to 6:30 p.m., Monday through Saturday.

(4) One lane of Stanwix Street in the City of Pittsburgh to serve buses traveling from Liberty Avenue to the Boulevard of the Allies shall be so reserved from 4:30 p.m. to 6:30 p.m., Monday through Saturday.

(5) One lane of Centre Avenue in the City of Pittsburgh to serve buses traveling from Penn Circle to Craig Street shall be so reserved from 6 a.m. to 9 a.m., Monday through Saturday.

(6) One lane of Centre Avenue in the City of Pittsburgh to serve buses traveling from Craig Street to Penn Circle shall be so reserved from 4:30 p.m. to 6:30 p.m., Monday through Saturday.

(7) One lane of the Penn Lincoln Parkway to serve buses traveling from the Greentree entrance to the Saw Mill Run exit shall be so reserved from 6 a.m. to 9 a.m., Monday through Saturday.

(8) One lane of the Penn Lincoln Parkway to serve buses traveling from the Saw Mill Run entrance to the Greentree exit shall be so reserved from 4:30 p.m. to 6:30 p.m., Monday through Saturday.

(9) One lane of the Penn Lincoln Parkway to serve buses traveling from the Squirrel Hill entrance to the Boulevard of the Allies exit shall be so reserved from 6 a.m. to 9 a.m., Monday through Saturday.

(10) One lane of the Penn Lincoln Parkway to serve buses traveling from the Boulevard of the Allies entrance to the Squirrel Hill exit shall be so reserved from 4:30 p.m. to 6:30 p.m., Monday through Saturday.

(11) One lane of the Fort Pitt Bridge to serve buses traveling from Point Park shall be so reserved from 4:30 p.m. to 6:30 p.m., Monday through Saturday.

(c) Each governmental entity required to take action under paragraph (b) of this section shall submit to the Administrator no later than April 1, 1974, compliance schedules which shall show in detail the steps which each such governmental entity will take to establish the bus lanes provided for by this section, and to enforce the limitations on their use. In the compliance schedule submitted pursuant to this paragraph a governmental entity may designate limited segments of lanes which may be entered briefly by vehicles, otherwise excluded from such lanes, or reasons of safety or sound traffic planning. Such exceptions shall be subject to the approval of the Administrator. Special circumstances justifying the need for such an exception (such as the desire to allow an exclusive lane to be entered briefly by automobiles for purposes of making a turn) must be set forth in detail.

(d) Exclusive bus lanes must be prominently indicated by distinctive painted lines, pylons, signs, or physical barriers. Fifty percent of the lanes must be established and needed signs must be installed by August 1, 1974; 100 percent must be established by January 1, 1975.

(e) A signed statement by the chief executive of each governmental entity required to take action under paragraph (b) of this section, or his designee, shall be submitted to the Administrator no later than April 1, 1974, to identify the sources and amounts of funds for all projects required by this section.

(f) No later than June 1, 1974, each governmental entity subject to this section shall submit to the Administrator legally adopted regulations sufficient to implement and enforce all of the requirements of this section.

[38 FR 32900, Nov. 28, 1973]

§ 52.2050 Exclusive bus lanes for Pittsburgh surburbs and outlying areas.

(a) Definitions:

(1) "Carpool" means a vehicle containing three or more persons.

(2) "Bus/carpool lane" means a lane on a street or highway, which lane is open only to buses (or buses and carpools), whether constructed especially for that purpose or converted from existing lanes.

(3) "Pittsburgh CBD" means the area enclosed by the Allegheny River, the Monongahela River, and I-876. I-876 is not included.

(b) The Commonwealth of Pennsylvania and such county and local jurisdictions as the Commonwealth may request to participate (the Commonwealth must request the participation of a county or local jurisdiction by December 15, 1974, if the participation of that jurisdiction is necessary to the establishment of the lanes required by this section) shall establish, according to the schedule in paragraph (f) of this section, bus/carpool lanes along corridors connecting at least the following suburban or outlying areas (or alternative areas if indicated in the study required by paragraph (c) of this section and approved by the Administrator) to the Pittsburgh CBD:

(1) Belleville, Pennsylvania,

(2) Bethel Park, Pennsylvania,

(3) Clairton, Pennsylvania,

(4) The Greater Pittsburgh International Airport,

(5) McKeesport, Pennsylvania,

(6) McKees Rocks, Pennsylvania,

(7) Monroeville, Pennsylvania,

(8) North Braddock, Pennsylvania, and

(9) Penn Hills, Pennsylvania,

For each route either approved or designated by the Administrator pursuant to paragraph (d) of this section, at least one bus/carpool lane shall be established to serve traffic traveling toward the Pittsburgh CBD from 6:30 to 9:30 a.m. (or for a longer time), and at least one bus/carpool lane shall be established to serve traffic traveling toward the suburban or outlying areas from 3:30 to 6:30 p.m. (or for a longer time), Monday through Saturday.

(c) On or before November 1, 1974, the Commonwealth of Pennsylvania shall submit to the Administrator a study which shall contain for each of the corridors described in paragraph (b) of this section a detailed analysis showing every specific route location considered by the Commonwealth for the corridor. The study shall designate one of the specific routes examined for each corridor as the most practicable route for that corridor. The study shall fully present the advantages and disadvantages of establishing the bus/carpool lanes provided for in paragraph (b) of this section along the most practicable route. For any corridor identified in this section along which the Commonwealth concludes that bus/carpool lanes are not feasible, the Commonwealth shall designate a replacement corridor connecting the Pittsburgh CBD and another significant source of CBD-bound traffic along which bus/carpool lanes are feasible. An analysis of the substituted corridor shall be included similar to the analysis of the original corridor, to show the most practical route for said bus/carpool lanes.

(d) On or before December 1, 1974, the Administrator shall submit to the Commonwealth of Pennsylvania his response to the study required by paragraph (c) of this section, and shall in that response, either approve the routes selected by the Commonwealth as most practicable and feasible for bus/carpool lanes, or shall designate alternative routes on which bus/carpool lanes must be established.

(e) On or before February 1, 1975, the Commonwealth of Pennsylvania and such county and local jurisdictions as the Commonwealth has requested to participate (and are, therefore, required by paragraph (b) of this section to establish lanes) shall submit to the Administrator compliance schedules which shall show in detail the steps which each governmental entity will take to establish the bus/carpool lanes required by this section, and to enforce the limitations on their use. In the compliance schedule submitted pursuant to this paragraph a governmental entity may designate limited segments of lanes which may be entered briefly by vehicles, otherwise excluded from such lanes, for reasons of safety or sound traffic planning. Such exceptions shall be subject to the approval of the Administrator. Special circumstances justifying the need for such an exception (such as the desire to allow an exclusive lane to be entered briefly by automobiles for purposes of making a turn) must be set forth in detail.

(f) Bus/carpool lanes must be prominently indicated by distinctive painted lines, pylons, signs, or physical barriers. Twenty-five percent of the lane mileage for each of the governmental entities must be established and the needed signs installed by July 1, 1975; 50 percent established by October 1, 1975; and 100 percent established by January 1, 1976.

(g) A signed statement by the chief executive of each governmental entity establishing lanes, or his designee, shall be submitted to the Administrator no later than February 1, 1975, to identify the sources and amounts of funds for all projects required by this section.

(h) No later than April 1, 1975, each governmental entity required by this section to establish lanes shall submit to the Administrator legally adopted regulations sufficient to implement and enforce all of the requirements of this section.

[38 FR 32900, Nov. 28, 1973]

§ 52.2051 Regulation for limitation of public parking.

(a) "On-street parking" means stopping a motor vehicle on any street, highway, or roadway (except for legal stops at or before intersections and as caution and safety requie) whether or not a person remains in the vehicle. Stopping for the purpose of effecting any pickup or delivery of goods shall be permitted as provided in paragraphs (d) and (e) of this section.

(b) This section is applicable in the Southwest Pennsylvania Intrastate AQCR and in the Pennsylvania portion of the Metropolitan Philadelphia Interstate AQCR.

(c) Beginning April 1, 1974, each appropriate governmental entity shall prohibit on-street parking, Monday through Saturday, on all streets and highways over which it has ownership or control and which contain exclusive bus, bus/carpool, or trolley lanes pursuant to §§ 52.2044 through 52.2050, except as provided in paragraph (f) of this section. The prohibition against on-street parking on any particular street or highway shall be only for the period during which such street or highway has a lane or lanes reserved for trolleys, buses, and/or carpools. Momentary stopping for the pickup or discharge of passengers on exclusive bus, bus/carpool, or trolley lanes at established passenger stops shall be permitted. No later than March 1, 1974, each initially affected governmental entity shall submit to the Administrator legally adopted regulations establishing such a prohibition program. For any governmental entity not subject to any requirement to establish exclusive lanes until so requested by the Commonwealth of Pennsylvania pursuant to §§ 52.2048(b) and 52.2050(b), legally adopted regulations need not be submitted to the Administrator until 2 months after the Commonwealth of Pennsylvania requests the participation of such governmental entity in an exclusive lane program. At a minimum, such regulations must provide that vehicles parked in violation of the prohibition shall be towed away and the owner shall be fined not less than $50 per violation.

(d) Any governmental entity required under paragraph (c) of this section to establish on-street parking limitations may apply to the Administrator for permission to allow pickup and delivery of goods in certain identified zones along streets or highways containing exclusive trolley, bus, or bus/carpool lanes. Such applications must be submitted to the Administrator no later than June 1, 1974, or 1 month before the exclusive lane is established, whichever is later, and must identify precisely the physical location of the zones, the times for which permission to load and deliver in the zone is sought, and the manner (signs, pylons, etc.) in which the zones will be identified to motorist. Such application must also demonstrate that no safe and feasible alternatives exist for loading and delivery for the affected merchants (or others) from streets not containing exclusive trolley, bus, or bus/carpool lanes.

(e) After July 1, 1974, any governmental entity required under paragraph (c) of this section to establish on-street parking limitations, shall also prohibit stopping any vehicle along any street or highway containing an exclusive trolley, bus, or bus/carpool lane for the purpose of effecting any pickup or delivery of goods, except in loading and delivery zones approved by the Administrator pursuant to paragraph (d) of this section. Such prohibition shall apply during the same hours as the prohibition against on-street parking and shall state that any vehicle parked in violation of the prohibition shall be towed away and the owner shall be subject to a fine of not less than $50 per violation.

(f) This section shall have no application to the streets and highways containing exclusive bus or trolley lanes as provided for in § 52.2046.

(g) No later than February 1, 1974, governmental entities subject to this section shall submit to the Administrator detailed compliance schedules showing the steps they will take to establish and enforce the on-street parking limitation program, including statutory proposals and needed regulations that they will propose for adoption. For any governmental entity not subject to any requirement to establish exclusive bus/carpool lanes until so requested by the Commonwealth of Pennsylvania pursuant to §§ 52.2048(b) and 52.2050(b), a compliance schedule need not be submitted to the Administrator until 1 month after the Commonwealth of Pennsylvania requests the participation of such governmental entity in an exclusive lane program.

[38 FR 32901, Nov. 28, 1973]

§ 52.2052 [Reserved]

§ 52.2053 Monitoring transportation mode trends.

(a) This section is applicable to the Southwest Pennsylvania Intrastate AQCR and the Pennsylvania portion of the Metropolitan Philadelphia Interstate AQCR.

(b) In order to assure the effectiveness of the inspection and maintenance program and the retrofit devices required under §§ 52.2038 and 52.2039, the Commonwealth of Pennsylvania shall monitor the actual per vehicle emission reductions occurring as a result of such sections. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the Commonwealth in accordance with § 58.35 of this chapter. The first quarterly report for reporting emission reduction data shall cover the period from January 1 to March 31, 1976.

(c) In order to assure the effective implementation of §§ 52.2040, 52.2041, and 52.2043 through 52.2051 the Commonwealth shall monitor vehicle miles traveled and average vehicle speed for each area in which such sections are in effect for such time periods as may be appropriate to evaluate the effectiveness of such sections. The first quarterly report for reporting vehicle miles traveled and vehicle speed data shall cover the period from July 1, through September 30, 1974. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the State in accordance with § 58.35 of this chapter in the basic format shown in Table 1.

Time period ....
Affected area ....

VMT OR AVERAGE VEHICLE SPEED

Roadway type	Vehicle type (1)	Vehicle type (2)[1]
Freeway		
Arterial		
Collector		
Local		

[1]Continue with other vehicle types as appropriate.

(d) No later than March 1, 1974, the Commonwealth shall submit to the Administrator a compliance schedule to implement this section. The program description shall include the following:

(1) The Agency or agencies responsible for conducting, overseeing, and maintaining the monitoring program.

(2) A description of the methods to be used to collect the emissions data, VMT data, and vehicle speed data; a description of any modeling techniques to be employed; a description of the geographical area to which the data apply; identification of the location at which the data will be collected; and the time periods during which data will be collected.

(3) The administrative procedures to be used.

(Secs. 110, 301(a), 313, 319, Clean Air Act (42 U.S.C. 7410, 7601(a), 7613, 7619))

[38 FR 32902, Nov. 28, 1973, as amended at 44 FR 27571, May 10, 1979]

§ 52.2054 Control of asphalt paving material.

(a) Notwithstanding any provisions to the contrary in the Pennsylvania Implementation Plan, the Pennsylvania Department of Transportation shall restrict the annual usage of asphalts to the limits listed below in the following sixteen county area of Pennsylvania: Allegheny, Armstrong, Beaver, Butler, Cambria, Clarion, Fayette, Green, Indiana, Jefferson, Lawrence, Mercer, Somerset, Venango, Washington, and Westmoreland Counties:

(1) No more than twenty percent of the total amount of liquid bituminous asphalt paving material used shall be cutback asphalt; and

(2) No more than 2,615,000 gallons of cutback asphalts shall be used, of which no more than 1,400,000 gallons may be used for dust palliative work on roadways and shoulders; and

(3) No more than 2,500,000 gallons total of emulsion Class E-4 and Class E-5 shall be used unless an equivalent reduction in the use of cutbacks is made to balance the additional hydrocarbon emissions from emulsions.

(b) The Pennsylvania Department of Transportation is required to submit to the Pennsylvania Department of Environmental Resources, on a quarterly basis, reports which list for each of the affected counties the number of gallons of each class of asphalt used. The first quarterly reports will be submitted in October 1977 for the period between July 1, 1977, and September 30, 1977. Copies of all reports will also be forwarded to Region III, EPA.

[42 FR 54417, Oct. 6, 1977]

§ 52.2055 Review of new sources and modifications.

(a) Special permit requirement regulations are approved.

(b) [Reserved]

(c) The Special Permit Requirement regulations are approved provided that the language of section 127.65(b) of the Pennsylvania regulations is revised to conform with section 173(3) of the Clean Air Act and submitted to EPA by the Secretary of the Department of Environmental Resources by May 31, 1981. In the interim, the following schedule must be met:

—January 31, 1981—Notice of public hearing.
—February 28, 1981—Public hearing completed and draft regulations submitted to EPA.
—May 31, 1981—Adopt new regulations and submit to EPA.

However, these regulations are not approved for permitting of applicable CO sources locating in CO nonattainment areas or for applicable hydrocarbon sources in rural ozone nonattainment areas.

(42 U.S.C. 7401-7642)

[39 FR 7283, Feb. 25, 1974, as amended at 46 FR 17554, Mar. 19, 1981; 46 FR 51742, Oct. 22, 1981; 47 FR 8359, Feb. 26, 1982]

§ 52.2056 Maintenance of national standards.

(a) The requirements of §§ 51.4, 51.5, and 51.12(e) of this chapter are not met since the State did not conduct an adequate public hearing on the identification of areas which have the potential for violation of an air quality standard within 10 years and submit such identification by the Governor of Pennsylvania or his designee.

(b) The areas listed below are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Allegheny County Air Basin Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of area:

Coincident boundaries with Allegheny County Air Basin as defined in the plan.

(2) Allentown-Bethlehem-Easton Interstate Air Quality Maintenance Area (Pennsylvania Portion).

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Coincident boundaries with Allentown-Bethlehem-Easton Air Basin as defined in the plan.

(3) Beaver Valley Air Basin Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Coincident boundaries with Beaver Valley Air Basin as defined in the plan.

(4) Erie Air Basin Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Coincident boundaries with the Erie Air Basin as defined in the plan.

(5) Harrisburg Air Basin Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Coincident boundaries with Harrisburg Air Basin as defined in the plan.

(6) Johnstown Air Basin Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Coincident boundaries with Johnstown Air Basin as defined in the plan.

(7) Lancaster Air Basin Air Quality Maintenance Area.

(i) Pollutant for which the area is reidentified: Particulate matter.

(ii) Geographical composition of area:

Coincident boundaries with Lancaster Air Basin as defined in the plan.

(8) Monongahela Valley Air Basin Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Coincident boundaries with Monongahela Valley Air Basin as defined in the plan.

(9) Reading Air Basin Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Coincident boundaries with Reading Air Basin as defined in the plan.

(10) Scranton-Wilkes-Barre Air Basin Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Coincident boundaries with Scranton-Wilkes-Barre Air Basin as defined in the plan.

(11) Metropolitan Philadelphia Interstate Air Quality Maintenance Area (Pennsylvania Portion).

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of area:

Coincident boundaries with Southeast Pennsylvania Air Basin as defined in the plan.

(12) York Air Basin Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Coincident boundaries with York Air Basin as defined in the plan.

[40 FR 41952, Sept. 9, 1975]

§ 52.2057 [Reserved]

§ 52.2058 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Pennsylvania.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.2059 Control strategy: Particulate matter.

(a) Pennsylvania has committed to undertake a comprehensive program to investigate non-traditional sources, industrial process fugitive particulate emissions, alternative control measures, and to develop and implement an effective control program to attain the primary and secondary NAAQS for particulates. The schedule for this study is as follows:

SCHEDULE FOR INVESTIGATING AND CONTROLLING NONTRADITIONAL PARTICULATE MATTER EMISSIONS

Task	Completion date
Scheduled tasks	
1. Quantify nontraditional sources	June 1, 1980
2. Investigate control techniques	Apr. 1, 1982
3. Investigate source-receptor relationship.	June 1, 1980.
Analysis and control strategy development:	
1. Analyze Nonattainment Areas	July 1, 1981.
2. Develop Control Strategies	Jan. 1, 1982.
3. Develop, Adopt, Submit SIP	July 1, 1982.
4. Implement SIP	Begin—July 1, 1982.

(42 U.S.C. 7401-7642)

[45 FR 33628, May 20, 1980]

Subpart OO—Rhode Island

§ 52.2070 Identification of plan.

(a) Title of plan: "Plan for Implementation, Maintenance and Enforcement of National Primary and Secondary Ambient Air Quality Standards in the Metropolitan Providence Interstate Air Quality Control Region" for the State of Rhode Island.

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Notice of public hearing submitted on February 9, 1972, by the Rhode Island Department of Health.

(2) Miscellaneous non-regulatory additions to the plan correcting minor deficiencies submitted on February 29, 1972, by the Rhode Island Department of Health.

(3) Regulation No. 12 requiring prevention and control of air pollution from incinerators submitted on March 7, 1973, by the Rhode Island Department of Health.

(4) Regulation No. 13 requiring prevention and control of air pollution from fuel burning equipment submitted on March 19, 1973, by the Rhode Island Department of Health.

(5) Compliance schedules submitted on April 24, 1973, by the Rhode Island Department of Health.

(6) Revisions to Regulation 10, Air Pollution Episodes, submitted on January 25, 1974, by the Rhode Island Department of Health.

(7) AQMA identifications submitted on April 11, 1974, by the Rhode Island Department of Health.

(8) Revision to Regulation 8, Limitation of Sulfur in Fuels, submitted on May 22, 1974, by the Rhode Island Department of Health.

(9) Letter identifying Metropolitan Providence as an AQMA submitted on September 6, 1974, by the Governor.

(10) Revision to Regulation 14, Source Recordkeeping and Reporting, submitted on September 5, 1973, by the Rhode Island Department of Health.

(11) A comprehensive air quality monitoring plan, intended to meet requirements of 40 CFR Part 58, was submitted by the Rhode Island Department of Environmental Management Director on January 8, 1980.

(12) Attainment plans to meet the requirements of Part D of the Clean Air Act, as amended in 1977, were submitted on May 14, 1979, June 11, 1979, August 13, 1979, January 8, January 24, March 10, March 31, April 21, June 6, June 13, August 20, November 14, March 4, March 5, and April 16, 1981. Included are plans to attain the carbon monoxide and ozone standards and information allowing for the redesignation of Providence to non-attainment for the primary TSP standard based on new data. A program was also submitted for the review of construction and operation of new and modified major stationary sources of pollution in non-attainment areas. Certain miscellaneous provisions unrelated to Part D are also included.

(13) A revision to Regulation 8, "Sulfur Content in Fuels," for the Narragansett Electric Company, Providence, submitted on August 28, 1980 by the Director of the Department of Environmental Management.

(14) A revision to Regulation 8, "Limitation of Sulfur in Fuels," submitted on January 30, 1981, by the Director of the Rhode Island Division of Air Resources allowing Bradford Dyeing Association, Westerly, to burn higher sulfur fuel oil, temporarily.

(15) Revisions for Group II CTGs: Storage of Petroleum Liquids—External Floating Roof Vessels (Regulation 11.6); and revisions to existing regulations: Stage I Vapor Controls (Regulation 11.5), Hazardous Waste Incinerators (Regulation 12.7.1), and Control of Solvent Metal Cleaning Emissions (Regulation 18) were submitted on January 9, July 23, and August 17, 1981.

(Secs. 110(a), 172, 301, Clean Air Act, as amended (42 U.S.C. 7401 and 7601))

[37 FR 10891, May 31, 1972, as amended at 41 FR 8965, Mar. 2, 1976; 41 FR 16461, Apr. 19, 1976; 46 FR 3517, Jan. 15, 1981; 46 FR 5980, Jan. 21, 1981; 46 FR 25460, May 7, 1981; 46 FR 63043, Dec. 30, 1981; 47 FR 17817, Apr. 26, 1982]

§ 52.2071 Classification of regions.

The Rhode Island plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Metropolitan Providence Interstate	I	I	III	I	I

[37 FR 10891, May 31, 1972, as amended at 38 FR 34325, Dec. 13, 1973; 39 FR 16347, May 8, 1974; 46 FR 25460, May 7, 1981]

§ 52.2072 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Rhode Island's plan, as identified in § 52.2070 of this subpart, for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plan satisfies all requirements of Part D, Title I, of the Clean Air Act, as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by January 1, 1981 for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January as additional RACT requirements for sources covered by CTGs issued by the previous January.

(Secs. 110, 172 and 301 of the Clean Air Act as amended)

[46 FR 25460, May 7, 1981]

§ 52.2073 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the plan does not provide for public availability of emission data.

(b) Regulation for public availability of emission data.

(1) Information obtained from owner or operators of stationary sources pursuant to § 52.2075 will be correlated with applicable emission limitations and other control regulations and will be made available for public inspection at the Rhode Island Department of Health, 204 Health Building, Providence, Rhode Island.

[37 FR 10891, May 31, 1972, as amended at 41 FR 2232, Jan. 15, 1976]

§ 52.2074 Legal authority.

(a) The requirements of § 51.11(a)(5) of this chapter are not met. Authority to require recordkeeping is deficient to the extent that section 23-25-13 requires only those sources with an air pollution control program to keep records.

(b) The requirements of § 51.11(a)(6) of this chapter are not met. Authority to release emission data to the public is deficient in that section 23-25-6 requires that only records concerning investigations be available to the public. Further, section 23-25-5(g) and section 23-25-13 may limit the State's authority to release emission data. Authority to require sources to install and maintain monitoring equipment is not provided and is therefore inadequate. Authority to require sources to periodically report is not provided and is therefore inadequate.

[37 FR 10891, May 31, 1972, as amended at 39 FR 7283, Feb. 25, 1974; 39 FR 12350, Apr. 5, 1974]

§ 52.2075 Source surveillance.

(a) The requirements of § 51.19(a) of this chapter are not met since the plan lacks adequate legal authority to require owners or operators of stationary sources to maintain records of, and periodically report information as may be necessary to enable the state to determine whether such sources are in compliance with applicable portions of the control strategy.

(b) Regulation for source recordkeeping and reporting.

(1) The owner or operator of all stationary sources which have the potential to emit a total of 100 tons or more per year of any one air contaminant for which there is a national standard shall maintain records of, and submit to the Director, data on operational processes, fuel usage, emission, stack parameters, boiler capacities, types of equipment generating air contaminants and air contaminant control devices that may be necessary to determine if the source is in compliance with applicable rules and regulations of the Department. Upon notification of the Administrator, or the Director of the Rhode Island Department of Health, sources with the potential to emit less than 100 tons per year of any air contaminant shall also be subject to the requirements of this paragraph. For the purposes of this paragraph, potential emissions shall be calculated at the design load assuming no control equipment is in use and fuel having a sulfur content of 2.2 percent by weight (dry basis) is being burned.

(2) The information recorded by the owner or operator of a stationary source shall be summarized and reported to the Director of the Department of Health on forms furnished by him. They shall be submitted within 30 days following the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of the summarizing reports submitted to the Director shall be retained by the owner or operator for two years after the date on which the pertinent report is submitted.

[41 FR 2232, Jan. 15, 1976]

§ 52.2076 Attainment of dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Rhode Island's plan, except where noted.

Air quality control region [1]	Pollutant						
	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Providence	e	e	a	b	a	c	d
E. Providence	a	b	a	b	a	a	d
Cranston	a	b	a	b	a	a	d
Warwick	a	b	a	b	a	a	d
N. Providence	a	b	a	b	a	a	d
Pawtucket	a	b	a	b	a	a	d
Central Falls	a	b	a	b	a	a	d
Remainder of Rhode Island portion of AQCR 120	a	b	a	b	a	a	d

a—Air quality levels presently better than primary standards or area is unclassifiable.
b—Air quality levels presently better than secondary standards or area is unclassifiable.
c—December 31, 1982.
d—December 31, 1987.
e—Redesignation to non-attainment. Twelve months granted for submission of an attainment plan; attainment dates not yet proposed.

[1] Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.2076 (1978).

(Secs. 110, 172 and 301 of the Clean Air Act as amended)

[46 FR 25460, May 7, 1981]

§ 52.2077 Compliance schedules.

(a) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(b) The compliance schedules for the sources identified below are disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

RHODE ISLAND

Source	Location	Regulation involved	Date of adoption
Woonsocket Municipal Incinerator	Woonsocket	12.2.2(c)	Apr. 24, 1937.

(c) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Providence Municipal Incinerator	Providence	12.2.2(c)	Apr. 24, 1973	Immediately	Jan. 31, 1974.
Pawtucket Municipal Incinerator	Pawtucket	12.2.2(c)	do	do	May 31, 1975.
Newport Municipal Incinerator	Newport	12.2.2(c)	do	do	Dec. 31, 1973.
Narragansett Electric Co	Providence	8.2	Nov. 21, 1973	Nov. 23, 1973	Mar. 22, 1974.

(d) *Federal compliance schedules.* The compliance schedules for the sources identified below are promulgated herein in satisfaction of the requirements of

§ 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	Regulation involved	Effective date	Final compliance date
Woonsocket Municipal Incinerator	Woonsocket	12.2.2(c)	Immediately	May 31, 1975.

[38 FR 16168, June 20, 1973, as amended at 38 FR 16352, June 22, 1973; 38 FR 22747, Aug. 23, 1973; 39 FR 3824, Jan. 30, 1974]

§ 52.2078 Enforcement.

(a) Sections 23-25-5(h) and 23-25-8(a) of the General Laws of Rhode Island are disapproved insofar as they permit the Rhode Island Director of the Department of Health to issue abatement orders (1) that defer compliance with plan requirements beyond the dates required for attainment of the national standards, (2) without the approval of the Administrator, and (3) for reasons not permitted by the Clean Air Act.

(b) *Regulation limiting administrative abatement orders.* (1) No order deferring compliance with a requirement of the Rhode Island Implementation Plan shall be issued by the Director of the Department of Health which does not meet the following requirements:

(i) An order must require compliance with the plan requirement within the times and under the conditions specified in § 51.15(b) (1) and (2) of this chapter.

(ii) An order may not defer compliance beyond the last date permitted by § 110 of the Act for attainment of the national standard which the plan implements unless the procedures and conditions set forth in section 110(f) of the Act are met.

(iii) An order shall not be effective until it has been submitted to and approved by the Administrator in accordance with §§ 51.6, 51.8 51.15 (b) and (c), and, if applicable, § 51.32 (a)-(e) of this chapter.

(2) Notwithstanding the limitations of paragraph (b)(1)(ii) of this section, an order may be granted which provides for compliance beyond the statutory attainment date for a national standards where compliance is not possible because of breakdowns or malfunctions of equipment, acts of God, or other unavoidable occurrences. However, such order may not defer compliance for more than three (3) months unless the procedures and conditions set forth in section 110(f) of the Act are met.

[38 FR 18879, 18880, July 16, 1973, as amended at 38 FR 30878, Nov. 8, 1973]

§ 52.2079 [Reserved]

§ 52.2080 Revisions.

(a) The revision procedures of the Rhode Island plan are not adequate since the plan does not expressly provide for revisions at the times and under the conditions set forth in § 51.6 of this chapter.

(b) *Regulation for plan revisions.* (1) The Rhode Island implementation plan shall be revised:

(i) When necessary to take account of a revision of the national primary or secondary ambient air quality standard which it implements;

(ii) When improved or more expeditious methods of attaining a national standard which it implements become available;

(iii) When the Administrator finds that the plan is substantially inadequate to attain or maintain the national standard which it implements and issues notice of such finding pursuant to § 51.6 of this chapter.

(2) The Rhode Island implementation plan may be revised from time to time to the extent such revisions are consistent with the requirements applicable to implementation plans set forth in this chapter and the Act.

(3) No revisions shall be effective until the hearing requirements of § 51.4 of this chapter have been satisfied.

[38 FR 18879, 18880, July 16, 1973, as amended at 38 FR 30878, Nov. 8, 1973]

§ 52.2081 Review of new sources and modifications.

Regulation 9, the Rhode Island program to review operation and construction of new and modified major stationary sources in non-attainment areas, except for Section 9.1.2 and subsection 9.2.3(b), is conditionally approved subject to submittal by September 1, 1981 of revised definitions which are consistent with 40 CFR 51.18(j)(1)(vi) and 51.18(j)(1)(xiii) (45 FR 52745). EPA is taking no action on 9.1.2 and 9.2.3(b).

(Secs. 110, 172 and 301 of the Clean Air Act as amended)

[46 FR 25460, May 7, 1981]

§ 52.2082 Maintenance of national standards.

(a) The area listed below, which was identified by the State of Rhode Island, is hereby identified by the Administrator pursuant to § 51.12, paragraphs (e) and (f), of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified area consists of the territorial area encompassed by the boundaries of the given jurisdictions.

(1) Metropolitan Providence Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, and photochemical oxidants.

(ii) Geographical composition of area:

In Kent County: the city of Warwick and the towns of Coventry, East Greenwich, and West Warwick.

In Newport County: the city of Newport and the towns of Middletown, Portsmouth and Tiverton.

In Providence County: the cities of Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket; the towns of Cumberland, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield.

In Washington County: the town of North Kingston.

[40 FR 18735, Apr. 29, 1975]

§ 52.2083 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Rhode Island.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.2084 Rules and Regulations.

(a) *Part D—conditional approval—* The May 14, June 11, and August 13, 1979, January 8, January 24, March 10, March 31, April 12, June 6, June 13, August 20, November 14, 1980, and March 4, March 5 and April 16, 1981 revisions are approved as satisfying Part D requirements under the following conditions:

(1) Submittal by October 1, 1981 of emission data for all VOC sources with actual emissions of 25 tons or greater.

(2) Submittal by January 1, 1982 of (i) documentation of studies conducted; (ii) the results of data collected and analyzed; and, (iii) a description of procedural I/M program changes as outlined in the August 1980 state interagency agreement.

(3) Submittal by July 1, 1981 of all individual compliance schedules for paper and fabric surface coating sources covered by Regulation 19 including a justification of need for any extensions beyond December 31, 1982.

(b) *Non-Part D—No Action*—EPA is neither approving nor disapproving the following elements of the revisions:

(i) The program to review new sources in attainment areas. (Prevention of Significant Deterioration)

(ii) Consultation.

(iii) Permit fees.

(iv) Stack height requirements.

(v) Public notification.

(Secs. 110, 172 and 301 of the Clean Air Act as amended)

[46 FR 25460, May 7, 1981]

§ 52.2085 Extensions.

The Administrator hereby extends for 12 months from the publication of this notice, the statutory time table for submission of Rhode Island's plan for attainment and maintenance of the primary standard for particulate matter in the Providence primary standard non-attainment area (See 40 CFR 81.340).

(Secs. 110, 172 and 301 of the Clean Air Act as amended)

[46 FR 25461, May 7, 1981]

Subpart PP—South Carolina

§ 52.2120 Identification of plan.

(a) Title of plan: "South Carolina Air Quality Implementation Plan."

(b) The plan was officially submitted on January 21, 1972.

(c) The plan revisions listed below were submitted on the dates specified:

(1) Miscellaneous non-regulatory additions to the plan submitted on May 4, 1972, by the South Carolina Pollution Control Authority.

(2) Letter requesting delegation of authority submitted on July 21, 1972, by the Governor.

(3) Miscellaneous wording changes in paragraph 2.B.4 of Regulation 1A; in Sections I.B., II.B, and II.C of Standard 1A; in Section II.D of Standards 2A and in paragraph II of Regulation 4A submitted on August 23, 1972, by the Governor.

(4) Compliance schedules submitted on February 16, 1973, by the South Carolina Pollution Control Authority.

(5) Categorical compliance schedule regulation submitted on August 16, 1973, by the South Carolina Department of Health and Environmental Control.

(6) Revised SO_2 emission limits for fuel combustion sources submitted on March 14, 1974, by the South Carolina Department of Health and Environmental Control.

(7) AQMA identification material submitted on March 22, 1974, by the South Carolina Department of Health and Environmental Control.

(8) Revised legal authority with respect to the public availability of emission data, submitted on October 15, 1975, by the Governor of South Carolina.

(9) Revised particulate emission limits for existing fuel burning sources and requirements for continuous in-stack monitoring and reporting of opacity by certain of these sources, submitted January 13 and March 30, 1977, by the South Carolina Department of Health and Environmental Control. (The revised particulate limits do not apply to International Paper Company's Georgetown facility or to the South Carolina Electric and Gas Company's Hagood Plant in Charleston; for these two sources, the plan's original emission limits continue to apply.)

(10) Permit changes, specified below, were submitted by the South Carolina Department of Health and Environmental Control on May 9, 1979. These changes provide emissions offset for R. R. Donnelley and Sons Company, and apply to M. Lowenstein and Sons, Inc., as follows:

(i) Operating permit number O/P-42-167 for the operation of five (5) Kingsley Roller Print Dryers (Nos. 3, 4, 5, 6, and 7) is cancelled with these dryers not to be operated after June 1, 1979.

(ii) Operating permit number O/P-42-170 through O/P-42-179 for screen print machine Nos. 3, 4, 5, 6, 7, 8, 10, 11, and 12 are reissued to reflect the total and permanent transition from solvent-based print pastes to water-based print pastes on these machines as of June 1, 1979.

(11) 1979 implementation plan revision for nonattainment areas, submitted on December 20, 1978, by the South Carolina Department of Health and Environmental Control.

(12) Variance granted to Bowater Carolina Corporation until April 1, 1981, for increased particulate emissions and opacity limits, and revised regulation 61.62.1(B)(II), submitted on April 24, 1980, by the South Carolina Department of Health and Environmental Control.

(13) Changes in and supplements to 1979 implementation plan revisions for nonattainment areas, submitted on April 4, June 13, July 6, August 14, August 22, 1979, and on April 29, 1981, by the South Carolina Department of

Health and Environmental Control. Included are a special operating permit for Macalloy Corporation and the following regulation changes:

R. 62.5, Standard No. 5, Section II, revised definition of VOC (formerly located in R. 62.5, Standard No. 5, Section I, Part A);

R. 62.5, Standard No. 5, Section II, revised VOC regulation-Petroleum liquid storage tanks (formerly R. 62.5, Standard 5, Section II, Part B);

R. 62.1, Section I, revised definition of "fugitive dust";

R. 62.5, Standard No. 5, Section I, Part E—VOC—Case-by-Case Exceptions;

R. 62.5, Standard No. 1, Section I, Part C—VE—Special Provisions.

(14) Revisions in emergency episode plan, submitted on September 10, 1980, by the South Carolina Department of Health and Environmental Control.

(15) Air quality surveillance plan revision to satisfy the requirements of 40 CFR Part 58, submitted on March 10, 1980 by the South Carolina Department of Health and Environmental Control.

(16) Provision for public participation to satisfy section 127(a) of the Clean Air Act, submitted on March 10, 1980 by the South Carolina Department of Health and Environmental Control.

(17) Standard No. 6, Alternative Emission Reduction Options, submitted on June 17, 1981, by the South Carolina Department of Health and Environmental Control.

(18) Set II VOC regulations, submitted on September 10, 1980, by the South Carolina Department of Health and Environmental Control.

(19) Alternative compliance schedule for Cryovac Division of W. R. Grace, Simpsonville, submitted on January 5, 1981, by the South Carolina Department of Health and Environmental Control.

(20) Implementation plan for lead, submitted on May 1, 1980, by the South Carolina Department of Health and Environmental Control.

(21) Prevention of significant deterioration SIP, submitted on April 14, 1981, by the South Carolina Department of Health and Environmental Control.

(Secs. 110, 127(a), 161, and 172 of the Clean Air Act (40 U.S.C. 7410, 7427(a), 7471 and 7502))

[37 FR 10892, May 31, 1972]

Editorial Note: For Federal Register citations to § 52.2120, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.2121 Classification of regions.

The South Carolina plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Augusta (Georgia)-Aiken (South Carolina) Interstate	I	I	III	III	III
Metropolitan Charlotte Interstate	I	II	III	III	I
Camden-Sumter Intrastate	II	III	III	III	III
Charleston Intrastate	I	I	III	III	III
Columbia Intrastate	II	III	III	III	III
Florence Intrastate	III	III	III	III	III
Georgetown Intrastate	II	III	III	III	III
Greenville-Spartanburg Intrastate	I	III	III	III	III
Greenwood Intrastate	III	III	III	III	III
Savannah (Georgia)-Beaufort (South Carolina) Interstate	I	I	III	III	III

§ 52.2122 Approval status.

With the exceptions set forth in this subpart, the Administrator approves South Carolina's plans for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore the Administrator finds the plans satisfy all requirements of Part D, Title I, of the Clean Air Act as amended in 1977, except as noted elsewhere in this subpart. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTG's issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

[45 FR 6575, Jan. 29, 1980]

§ 52.2123 Compliance schedules.

(a) [Reserved]

(b) The compliance schedules for the sources identified below are approved as meeting the requirements of §§ 51.6 and 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

SOUTH CAROLINA

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Bowaters Carolina Corp., Emission Points 3 and 4.	Catawba	S5A-II, R4A-II, R4A-III.	Jan. 5, 1973	Immediately	July 12, 1973.
Burlington Industries, Inc., Batesburg Plant.	Batesburg	S2A-I, R4A-II, R4A-III.	Jan. 8, 1973	do	Dec. 31, 1973.
Carolina Power & Light Co., H.B. Robinson Unit No. 1.	Hartsville	S2A-I, R4A-II, R4A-III.	Jan. 15, 1973	do	July 1, 1974.
Celanese Fibers Co., Celriver Plant.	Rock Hill	S2A-I, R4A-II, R4A-III.	Jan. 19, 1973	do	July 12 1973.
Cone Mills Corp., American Spinning Plant.	Greenville	S2A-I, R4A-II, R4A-III.	Jan. 12, 1973	do	July 1, 1974.
Dan River, Inc., Easley Plant	Easley	S2A-I, R4A-II, R4A-III.	Jan. 11, 1973	do	Do.
Dan River, Inc., Woodside Division.	Fountain Inn	S2A-I, R4A-II, R4A-III.	do	do	Do.
Duke Power Co., Lee Plant Unit 1.	Anderson County.	S2A-I, R4A-II	Jan. 12, 1973	do	Dec. 31, 1973.
E. I. Dupont de Nemours and Co., May Plant	Camden	S1A, S2A-I, R4A-III.	Jan. 11, 1973	do	July 1, 1974.
Eastern Carolina Steel	Darlington	S5A-VII, R4A-II, R4A-III.	Jan. 15, 1973	do	July 12, 1973.
Georgetown Steel Corp	Georgetown	S5A-VII, R4A	June 27, 1972	do	Dec. 14, 1973.
Giant Portland Cement Co., Kiln No. 1	Harleyville	S5A-IV, R4A	Sept. 26, 1972	do	Mar. 30, 1974.
Giant Portland Cement Co., Kiln No. 2.	do	S5A-IV, R4A	do	do	Jan. 15, 1973.
Giant Portland Cement Co., Kiln No. 3.	do	S5A-IV, R4A	do	do	Mar. 15, 1973.
W. R. Grace and Co	Charleston	S5A-I, R4A	Oct. 19, 1973	do	July 1, 1973.
Industrial Minerals, Inc	York	S5A-VII, R4A-II, R4A-III.	Jan. 18, 1973	do	May 11, 1973.
International Paper Co., Inc., recovery boiler and evaporator No. 1.	Georgetown	S5A-II, R4A	Dec. 5, 1972	do	Aug. 15, 1973.
International Paper Co., Inc., Lime kilns Nos. 1, 2, and 3.	do	S5A-II, R4A	do	do	July 15, 1974.
Marion Lumber Co., Inc	Marion	S2A-I, R4A-II, R4A-III.	Jan. 2, 1973	do	July 1, 1974.
Santee Portland Cement Corp., kiln.	Santee	S5A, R4A	Sept. 26, 1972	do	Mar. 30, 1974.
Santee Portland Cement Corp., marl dryer.	do	S5A-III, S5A-IV, R4A.	do	do	Do.
South Carolina Industries Inc., existing lime kiln, new lime kiln and new recovery boiler.	Florence	S5A-II, R4A-II, R4A-III.	Feb. 1, 1973	do	July 1 1975.
South Carolina Public Service Authority, Grainger Plant Units Nos. 1 and 2.	Conway	S2A-I, R4A	Jan. 29, 1973	do	Do.
South Carolina Public Service Authority, Jeffries Plant Unit No. 3	Moncks Corner	S2A-I, R4A	Dec. 29, 1972	do	Apr. 13, 1973.
Spring Mills, Inc., foundry and machine shop	Lancaster	S5A-VII, R4A-II, R4A-III	Jan. 10, 1973	do	Sept. 15, 1973.
Spring Mills, Inc., Grace Steam Plant Units Nos. 1, 2, 3, and 4	do	S2A-I, R4A	Feb. 15, 1973	do	July 1, 1974.

SOUTH CAROLINA—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
J. P. Stevens and Co., Inc., Victor Plant.	Greer	S2A-I, S2A-II, R4A.	Jan. 11, 1973	...do	July 12, 1973.
U.S. Atomic Energy Commission, Savannah River Plant, Area 400-D Units 1, 2, 3, and 4.	Aiken County	S2A-I, R4A-II	Jan. 24, 1973	...do	July 1, 1974.
Vulcan Materials Co	Blacksburg	S5A-III, R4A-II, R4A-III.	Jan. 15, 1973	...do	Do.
Waterloo Lumber Co	Laurens	S1A-I, R4A	May 29, 1972	...do	Dec. 8, 1972.
W. R. Grace and Co., Kearney Expanding plant, Expanding furnaces.	Enoree	R2.6 Std., No. 5, Sec., VII R2.4.	Feb. 15, 1973	...do	Nov. 5, 1973.
W. R. Grace and Co., Kearney Expanding plant, Rotary kiln.	...do	R2.6 Std., No. 5, Sec., VII R2.4.	...do	...do	Mar. 1, 1974.
W. R. Grace and Co., Travelers Rest plant.	Travelers Rest	R2.6 Std. No., 5, Sec. VII.	...do	...do	Dec. 1, 1973.
J. M. Huber Corp., Graniteville plant.	Graniteville	R2.6, Std., No. 5,, Sec. VII, R2.4-II, R2.4-III.	Jan. 4, 1973	...do	July 12, 1973.
J. M. Huber Corp., Langley plant	Langley	R2.6, Std., No. 5,, Sec. VII, R2.4-II, R2.4-III.	...do	...do	Do.
National Kaoline Products Co	Aiken	R2.6, Std., No. 5,, Sec. VII, R2.4-II, R2.4-III.	Jan. 2, 1973	...do	Do.
Patterson Vermiculite Co	Enoree	R2.6, Std., No. 5,, Sec. VII, R2.4-II, R2.4-III.	...do	...do	Do.
U.S. Plywood, Catawba Manufacturing division.	Catawba	R2.6, Std., No. 5,, Sec. VII, R2.4.	Feb. 15, 1973	...do	Mar. 1, 1974.

[38 FR 16168, June 20, 1973, as amended at 38 FR 22747, Aug. 23, 1973; 38 FR 24342, Sept. 7, 1973; 39 FR 4082, Feb. 1, 1974; 40 FR 3569, Jan. 23, 1975]

§ 52.2124 Legal authority.

(a)-(c) [Reserved]

(d) The requirements of § 51.11(a)(4) of this chapter are not met since statutory authority to prevent construction, modification, or operation of a facility, building, structure, or installation, or combination thereof, which indirectly results or may result in emissions of any air pollutant at any location which will prevent the maintenance of a national air quality standard is not adequate.

[37 FR 10892, May 31, 1972, as amended at 39 FR 7284, Feb. 25, 1974; 41 FR 10065, Mar. 9, 1976]

§ 52.2125 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of South Carolina.

[39 FR 7284, Feb. 25, 1974]

§ 52.2126 [Reserved]

§ 52.2127 Extensions.

The Administrator hereby extends for 18 months (until July 1, 1980) the statutory timetable for submission of South Carolina's plan for attainment and maintenance of the secondary standards for particulate matter in the Georgetown and Charleston nonattainment areas identified in § 81.341 of this chapter.

[45 FR 6576, Jan. 29, 1980]

§ 52.2128 Attainment dates for national standards.

The following table represents the latest dates by which the national standards are to be attained. These dates reflect the information presented in South Carolina's plan.

Air quality control region	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Augusta (Georgia)-Aiken (South Carolina) Interstate	c	c	c	c	b	b	b
Metropolitan Charlotte Interstate:							
a. York County nonattainment area	b	b	b	b	b	b	e
b. Rest of AQCR	c	c	c	c	b	b	c
Camden-Sumter Intrastate	c	c	b	b	b	b	b
Charleston Intrastate:							
a. Charleston nonattainment area	e	f	c	d	b	b	e
b. Charleston and Berkeley Counties nonattainment area	c	c	c	d	b	b	e
c. Rest of AQCR	c	c	c	c	b	b	b
Columbia Intrastate:							
a. Columbia city limits nonattainment area	c	c	b	b	b	e	b
b. Columbia nonattainment area-Richland and Lexington Counties	c	c	b	b	b	b	e
c. Rest of AQCR	c	c	b	b	b	b	b
Florence Intrastate	b	b	b	b	b	b	b
Georgetown Intrastate:							
a. Georgetown nonattainment area	e	f	b	b	b	b	b
b. Rest of AQCR	c	c	b	b	b	b	b
Greenville-Spartanburg Intrastate	c	c	b	b	b	b	b
Greenwood Intrastate	b	b	b	b	b	b	b
Savannah (Georgia)-Beaufort (South Carolina) Interstate	c	c	c	c	b	b	b

a. Air quality levels presently below primary standards or area is unclassifiable.

b. Air quality levels presently below secondary standards or area is unclassifiable.

c. July 1975.

d. July 1979.

e. December 31, 1982

f. 18-month extension.

NOTE: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR Part 52 (1978). Nonattainment areas designated under section 107 of the Clean Air Act are listed in § 81.341 of this chapter.

[45 FR 6576, Jan. 29, 1980]

§ 52.2129 Maintenance of national standards.

(a) The areas listed below which were identified by the State of South Carolina are hereby identified by the Administrator pursuant to § 51.12, paragraphs (e) and (f), of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Charleston Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

The contiguous portions of Charleston and Berkeley Counties lying within the boundary of a line described as follows: Starting at the intersection of U.S. 17 and

Church Creek, and proceeding thence northward to the intersection of the Ashley River and the Dorchester County line, northeastward to the intersection of U.S. 52 and State Highway 9, eastward to the intersection of Durham Creek and West Branch Cooper River, southward along the Cooper River to Red Bank Landing, eastward to the town of Cainhoy, southward along State Highway 41 to its intersection with U.S. 17, and westward along U.S. 17 to and ending at Church Creek.

(2) Greenville Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

The portion of Greenville County lying within the boundary of a line described as follows: Starting at the intersection of U.S. 25 By-Pass and State Highway 253, and proceeding thence northeastward along Highway 253 to the intersection with the State Highway 46, southeastward to the intersection of State Highway 291 and U.S. 29, northeastward along U.S. 29 to the Greenville-Spartanburg County Line, southward along the County line for 2½ miles, southwestward in an arc paralleling U.S. 29 to an intersection with I-385, southeastward along I-385 to its intersection with I-85, southwestward along I85 to its intersection with U.S. 25 By-Pass, and northeastward along U.S. 25 By-Pass to and ending at State Highway 253.

[40 FR 18736, Apr. 29, 1975]

§ 52.2130 [Reserved]

§ 52.2131 Significant deterioration of air quality.

(a)-(b) [Reserved]

(c) All applications and other information required pursuant to § 52.21 from sources located in the State of South Carolina shall be submitted to the Office of Environmental Quality Control, Department of Health and Environmental Control, 2600 Bull Street, Columbia, South Carolina 29201, instead of the EPA Region IV office.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[42 FR 4124, Jan. 24, 1977, as amended at 47 FR 6018, Feb. 10, 1982]

Subpart QQ—South Dakota

§ 52.2170 Identification of plan.

(a) Title of plan: "Air Pollution Control Regulations and Implementation Plan for the State of South Dakota."

(b) The plan was officially submitted on January 27, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Request for delegation of authority submitted January 27, 1972, by the Governor.

(2) Clarification of control regulations (Section 1.8.4) submitted April 27, 1972, by the State Department of Health.

(3) Clarification of control regulations (Section 1.8.4) submitted May 2, 1972, by the Governor.

(4) On December 4, 1975, the Governor of South Dakota submitted revisions and additions to the air pollution control regulations (Article 34:10 of the Administrative Rules of South Dakota). The submittal updated rules and regulations; review procedures for new and modified direct sources; variance and enforcement procedure revisions; episode procedure changes; and the addition of new source performance standards similar to those of EPA.

(5) Provisions to meet the requirements of Part D of the Clean Air Act, as amended in 1977 were submitted on January 3, 1979.

(6) A new control strategy for Brookings, South Dakota was submitted on April 16, 1979.

(7) On January 21, 1980, the Governor submitted a plan revision to meet the requirements of Air Quality Monitoring 40 CFR Part 58, Subpart C, § 58.20, and Public Notification required under section 127 of the Clean Air Act.

(8) Provisions to meet the requirements of Part D of the Clean Air Act, as amended in 1977, were submitted on October 16, 1980.

(Sec. 110 of the Clean Air Act, as amended (42 U.S.C. 7410))

[37 FR 15089, July 27, 1972, as amended at 41 FR 8966, Mar. 2, 1976; 41 FR 32744, Aug. 5, 1976; 44 FR 44495, July 30, 1979; 44 FR 46846, Aug. 9, 1979; 45 FR 58529, Sept. 4, 1980; 46 FR 54542, Nov. 3, 1981]

§ 52.2171 Classification of regions.

The South Dakota plan evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Metropolitan Sioux City Interstate	III	III	III	III	III
Metropolitan Sioux Falls Interstate	II	III	III	III	III
Black Hills—Rapid City Intrastate	III	III	III	III	III
South Dakota Intrastate	III	III	III	III	III

[37 FR 10893, May 31, 1972]

§ 52.2172 Approval status.

With the exceptions set forth in this subpart, the Administrator approves South Dakota's plan as meeting the requirements of section 110 of the Clean Air Act, as amended in 1977. Furthermore, the Administrator finds that the plan satisfies all requirements of Part D of the Clean Air Act, as amended in 1977.

(Sec. 110, Clean Air Act (42 U.S.C. 7410))

[46 FR 54542, Nov. 3, 1981]

§ 52.2173 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met since the South Dakota Compiled Law 34-16A-21 provides that data which relates to processes or production unique to the owner or which tend to adversely affect a competitive position of the owner shall be held confidential.

(b) Delegation of authority: Pursuant to section 114 of the Act, South Dakota requested a delegation of authority to enable it to collect, correlate and release emission data to the public. The Administrator has determined that South Dakota is qualified to receive a delegation of the authority it requested. Accordingly, the Administrator delegates to South Dakota his authority under sections 114(a) (1) and (2) and section 114 (c) of the Act, i.e., authority to collect, correlate, and release emission data to the public.

§ 52.2174 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in South Dakota's plan.

Air quality control region and nonattainment area	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Metropolitan Sioux City Interstate	c	c	c	c	c	c	c
Metropolitan Sioux Falls Interstate	b	a	c	c	c	c	c
Black Hills-Rapid City Intrastate:							
a. Rapid City nonattainment area	d	d	c	c	c	c	c
b. Remainder of AQCR	c	c	c	c	c	c	c
South Dakota	c	c	c	c	c	c	c

a. July 1975.
b. Air quality levels presently below primary standards.
c. Air quality levels presently below secondary standards.
d. December 31, 1982.

[44 FR 44495, July 30, 1979]

§ 52.2175 [Reserved]

§ 52.2176 Maintenance of national standards.

(a) The requirements of § 51.12(e) of this chapter are not met since the State neither identified areas of the State which have the potential for violation of air quality standards within 10 years nor provided a justification that there are no such areas in the State.

(b) The areas listed below are hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial areas encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f) geographically located within the outermost boundaries of the areas so delimited.

(1) Black Hills Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Custer County, Lawrence County, Meade County, Pennington County.

(2) Sioux Falls Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Lincoln County, Minnehaha County.

[40 FR 23756, June 2, 1975]

§ 52.2177 [Reserved]

§ 52.2178 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of South Dakota.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart RR—Tennessee

§ 52.2220 Identification of plan.

(a) Title of plan: "Tennessee Air Pollution Control Implementation Plan."

(b) The plan was officially submitted on January 27, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Certification of public hearing submitted on February 3, 1972, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(2) Miscellaneous corrections to emission inventories submitted on February 10, 1972, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(3) Statements of intent for intergovernmental cooperation submitted on April 13, 1972, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(4) City of Memphis Air Pollution Control Code submitted on April 27, 1972, by the Division of Air Pollution Control of the Tennessee Department of Public Health and the Memphis and Shelby County Health Department.

(5) Minor addition to the Tennessee Code, Section 53-3422, submitted on May 3, 1972, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(6) Clarifying comments on the plan submitted on May 8, 1972, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(7) Statement of public availability of emission data submitted on May 12, 1972, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(8) Miscellaneous changes to Chapters II, III, VII, IX and XII of the plan; regulations of Memphis-Shelby County and Knoxville-Knox County and resolutions concerning local programs of Davidson, Hamilton and Shelby Counties submitted on August 17, 1972, by the Governor.

(9) Revised emission limits for asphalt plants, cotton gins and Kraft mills and establishment of new source performance standards submitted on February 16, 1973, by the Tennessee Department of Public Health.

(10) Compliance schedules submitted on March 23, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(11) Compliance schedules submitted on April 16, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(12) Certification of public hearing on February 16, 1973, submission submitted on April 30, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(13) Compliance schedules submitted on May 15, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(14) Clarifying comments on the February 16, 1973, submission submitted on May 25, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(15) Miscellaneous changes to Chapters II through IV and VI through XIII of the plan, miscellaneous non-regulatory additions, certification of public hearing and compliance schedules submitted on June 8, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(16) Categorical compliance schedule regulation for SO_2 submitted on June 27, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(17) Compliance schedules submitted on July 3, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(18) Hamilton County Air Pollution Control Regulations and miscellaneous non-regulatory additions to the plan submitted on July 18, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health and the Chattanooga-Hamilton County Air Pollution Control Bureau.

(19) Compliance schedules submitted on July 20, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(20) Chapter IV of the Metropolitan Code for the Metropolitan Government of Nashville and Davidson County submitted on August 13, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health and the Metropolitan Health Department of Nashville and Davidson County.

(21) Revisions to Chapters II, VI, VII, IX, and XIV of the plan concerning SO_2 emissions submitted on October 12, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(22) Compliance schedules submitted on October 15, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(23) Compliance schedules submitted on October 16, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(24) Compliance schedules submitted on December 26, 1973, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(25) Addition to Subparagraph F, Section I, Chapter XIV submitted on January 17, 1974, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(26) Compliance schedules submitted on February 20, 1974, by the Division of Air Pollution Control of the Tennessee Department of Public Health.

(27) Revised emission limits for combustion and process sources of sulfur dioxide, submitted on April 30, 1976, by the Division of Air Pollution Control of the Tennessee Department of Public Health. (The provision for an alternative basis for regulating process sources in Shelby County is given conditional approval; any exercise of this provision must be made the subject of a plan revision.)

(28) Regulations providing for continuous monitoring by existing sources, submitted on May 22, 1977, by

the Division of Air Pollution Control of the Tennessee Department of Public Health for the Metropolitan Health Department of Nashville and Davidson County.

(29) Regulations providing for continous monitoring of existing sources, control of vinyl chloride emissions, review of new sources in nonattainment areas, control of emissions from wood-fired boilers, change in diffusion equation limiting particulate emissions, conflict of interest rules and miscellaneous other changes, submitted on May 3 and June 22, 1978, by the Tennessee Department of Public Health, Division of Air Pollution Control.

(30) 1979 implementation plan revisions for nonattainment areas, submitted on February 13 and April 12 and 27, 1979, by the Tennessee Division of Air Pollution Control (Bristol, Lafollettee, Jacksboro, Sumner Co., Anderson/Knox Counties, Copperhill, Johnsonville area, Shelby Co., and Knox Co.)

(31) Requests for an 18-month extension of the statutory timetable for submitting plans to attain and maintain the secondary ambient standard for particulate matter in the Chattanooga, Columbia, Kingsport, Memphis, and Nashville nonattainment areas, submitted on May 4, 9, and 17, and June 21 and 22, 1979, by the Tennessee Department of Public Health.

(32) Regulation 1200-3-9-.01-(4) for the review of new sources adopted on March 21, 1979, with a State effective date of June 21, 1979, and submitted on April 12, 1979, pursuant to the requirements of § 51.24 of this chapter (1978 edition) by the Tennessee Division of Air Pollution Control.

(33) 1979 implementation plans for the Nashville TSP and CO nonattainment areas and Statewide ozone nonattainment areas, including regulations Number 3, and Number 7 for Nashville-Davidson County adopted on April 11, 1979 and March 14, 1979, which were submitted on May 15, 1979, and regulations 1200-3-18-.01 through .47, adopted on March 14, April 11, June 20 and 28, 1979, and May 1, 1980, and submitted on June 28, July 2, 1979, and May 8, 1980, by the Tennessee Department of Public Health.

(34) 1979 implementation plan revisions for the Kingsport TSP nonattainment area, submitted on August 15, 1979, by the Tennessee Department of Public Health.

(35) Regulation 1200-3-14-.01, -.02, -.03 for control of sulfur dioxide emissions, adopted on July 1, 1979, with a State effective date of November 16, 1979, and submitted on June 29, 1979, by the Tennessee Department of Public Health.

(36) [Reserved]

(37) Transportation related commitments and schedules, submitted on March 20 and December 17, 1980, by the Tennessee Division of Air Pollution Control to correct deficiencies in the Memphis CO plan given conditional approval on February 6, 1980.

(38) Air quality surveillance plan submitted on April 23, 1980, by the Tennessee Department of Public Health.

(39) Set II VOC regulations, submitted on December 31, 1980, by the Tennessee Department of Public Health.

(40) Davidson County and Hamilton County implementation plans for lead, submitted on August 19, 1981, by the Tennessee Department of Public Health.

(41) Revisions involving the following regulations—

Rule 1200-3-11-.02(2)(1)5.(ii): Asbestos;
Rule 1200-3-12-.04(2)(c): Large Existing Fuel Burning Installations;
Rule 1200-3-18-.02(1)(ii): Definitions: Volatile Organic Compounds;
Rule 1200-3-18-.04: Alternative Emission Standard; and
Rule 1200-3-18-.42(3): Individual Compliance Schedules—submitted on September 30, 1981, by the Tennessee Department of Public Health.

(42) Alternative VOC compliance schedule for Werthan Industries, Inc., Nashville, submitted on October 9, 1981, by the Tennessee Department of Public Health.

(43) Revision to the Volatile Organic Compound (VOC) definition, submitted on August 27, 1980, by the Tennessee Department of Public Health.

(44) Miscellaneous nonregulatory revisions submitted on October 25, 1979, March 20, 1980, May 5, 1980, August

15, 1980, and November 5, 1981, and miscellaneous regulatory revisions submitted on February 6, 1979 (change in Chapter 6), on June 13, 1979 (changes in Chapters 2, 4, 6, 7, and 8), on September 27, 1979 (change in Chapter 16), on October 15, 1979 (changes in Chapters 1, 2, 7, 11, 16, and 19), on November 23, 1979 (changes in Chapters 6, 9, 12, 16, 18, and 20), on February 19, 1980 (changes in Chapters 2 and 12), October 25, 1980 (changes in Chapters 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, and 14), on August 26, 1981 (changes in Chapters 5, 9, 14, 15, 16, 18, and 19), on September 30, 1981 (change in Chapter 16), on December 9, 1981 (changes in Chapters 2, 16, 18, 19, and 20), and on January 22, 1982 (changes in Chapters 2, 5, 7, 8, 12, 16, 18, 19, and 21).

(45)(i) Materials developed to meet conditions on the approval of the 1979 revisions for the Nashville and Kingsport primary TSP nonattainment areas, submitted on September 30, 1980, and December 17, 1980, respectively, by the Tennessee Department of Public Health. Additional materials for Kingsport were submitted on August 27, 1981.

(ii) 1979 revisions for the Copperhill secondary SO_2 nonattainment area, submitted on August 15, 1980, by the Tennessee Department of Public Health.

(iii) 1979 revisions for the Kingsport secondary TSP nonattainment area, submitted on May 8, 1980, by the Tennessee Department of Public Health.

(46) Miscellaneous changes in Chapters 1200-3-5, 10, 12, 18, and 20, submitted on December 9, 1981, and miscellaneous changes in Chapters 1200-3-2, 5, 7, 9, 12, 16, 18, submitted on January 22, 1982, by the Tennessee Department of Public Health.

(Secs. 107, 110, 161, 172, Clean Air Act (42 U.S.C. 7407, 7410, 7471, 7502))

[37 FR 10894, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.2220, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EFFECTIVE DATE NOTE: In § 52.2220, paragraph (c)(41) was added at 47 FR 20305, May 12, 1982, effective July 12, 1982; paragraph (c)(42) was added at 47 FR 25012, June 9, 1982, effective August 9, 1982; paragraph (c)(46) was added at 47 FR 26622, June 21, 1982, effective August 20, 1982; and paragraph (c)(33) was revised and paragraph (c)(44) was added at 47 FR 27272, June 24, 1982, effective August 23, 1982. For the convenience of the user, the superseded text of paragraph (c)(33), is set forth below:

§ 52.2220 Identifcation of plan.

* * * * *

(c) * * *

* * * * *

(33) 1979 implementation plans for the Nashville TSP and CO nonattainment areas and Statewide ozone nonattainment areas, including regulations 1200-3-18-.01 through .47, adopted on March 14, April 11, June 20 and 28, 1979, and May 1, 1980 and submitted on June 28, July 2, 1979, and May 8, 1980 by the Tennessee Department of Public Health.

* * * * *

§ 52.2221 Classification of regions.

The Tennessee plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Eastern Tennessee-Southwestern Virginia Interstate	I	I	III	III	III
Tennessee River Valley-Cumberland Mountains Intrastate	I	I	III	III	III
Middle Tennessee Intrastate	I	II	III	III	I
Western Tennessee Intrastate	I	III	III	III	III
Chattanooga Interstate	I	II	III	III	III
Metropolitan Memphis Interstate	I	III	III	III	I

[37 FR 10894, May 31, 1972, as amended at 39 FR 16347, May 8, 1974]

§ 52.2222 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves Tennessee's plans for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plans thus far submitted satisfy all requirements of Part D, Title I, of the Clean Air Act as amended in 1977, except as noted below.

In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980, for the sources covered by CTGs issued between January 1978 and January 1979 and on adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(b) New source review permits issued pursuant to section 173 of the Clean Air Act will not be deemed valid by EPA unless the provisions of Section V of the emission offset interpretative rule (Appendix S of 40 CFR Part 51) are met.

(Secs. 110, 172, Clean Air Act (42 U.S.C. 7410, 7502))

[45 FR 53817, Aug. 13, 1980]

§ 52.2223 Compliance schedules.

(a) *Federal compliance schedules—State program.* (1) Except as provided in paragraph (a)(5) of this section, the owner or operator of any boiler or furnace of more than 250 million Btu per hour heat input subject to the requirements of Chapter 1200-3-14 of the Rules and Regulations of Tennessee as contained in the Tennessee implementation plan, shall notify the Administrator, no later than January 1, 1974, of his intent to utilize either low-sulfur fuel or stack gas desulfurization to meet these requirements.

(2) Any owner or operator of a stationary source subject to paragraph (a)(1) of this section who elects to utilize low-sulfur fuel shall be subject to the following compliance schedule:

(i) January 31, 1974: Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with the applicable regulation on July 1, 1975, and for at least one year thereafter.

(ii) March 31, 1974: Sign contracts with fuel suppliers for fuel requirements as projected above.

(iii) April 30, 1974: Submit a statement as to whether boiler modifications will be required. If modifications will be required, submit plans for such modifications.

(iv) May 31, 1974: Let contracts for necessary boiler modifications, if applicable.

(v) October 31, 1974: Initiate onsite modifications, if applicable.

(vi) June 1, 1975: Complete onsite modifications, if applicable.

(vii) July 1, 1975: Achieve compliance with the requirements of Chapter 1200-3-14 of the Rules and Regulations of Tennessee and certify compliance to the Administrator.

(viii) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed on or before July 1, 1975. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(ix) Five days after the deadline for completing increments (a)(2)(ii) through (vi) in this section certification as to whether the increments were met shall be made to the Administrator.

(3) Any owner or operator of a stationary source subject to paragraph (a)(1) of this section who elects to utilize stack gas desulfurization shall be subject to the following compliance schedule:

(i) January 31, 1974—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) February 28, 1974—Negotiate and sign all necessary contracts for emission-control systems or process modification, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) May 1, 1974—Initiate onsite construction or installation of emission-control equipment or process modification.

(iv) May 1, 1975—Complete onsite construction or installation of emission control equipment or process modification.

(v) July 1, 1975—Achieve compliance with the requirements of Chapter 1200-3-14 of the Rules and Regulations of Tennessee and certify compliance to the Administrator.

(vi) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed on or before July 1, 1975. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(vii) Five days after the deadline for completing increments (a)(3)(ii) through (iv) in this section, certification as to whether the increments were met shall be made to the Administrator.

(4) Except as provided in paragraph (a)(5) of this section, the owner or operator of any stationary source subject to the requirements of Chapter 1200-3-14 of the Rules and Regulations of Tennessee as contained in the Tennessee implementation plan, shall comply with the following compliance schedule:

(i) November 15, 1973: Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) January 1, 1974: Negotiate and sign all necessary contracts for emission control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) February 1, 1974: Initiate onsite construction or installation of emission control equipment or process modification.

(iv) May 1, 1975: Complete onsite construction or installation of emission control equipment or process modification.

(v) July 1, 1975: Achieve compliance with the applicable regulations and certify such compliance to the Administrator.

(vi) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed on or before July 1, 1975. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(vii) Five days after the deadline for completing increments (a)(4)(ii) through (iv) in this section certification as to whether the increments were met shall be made to the Administrator.

(5) (i) None of the above paragraphs shall apply to a source which is presently in compliance with applicable regulations and which has certified such compliance to the Administrator by October 1, 1973. The Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(6) The compliance schedules in paragraphs (a)(2) and (3) of this section shall not excuse a source from complying with any interim emission limitations on the date prescribed in the Tennessee air pollution control regulation listed in paragraph (a)(1) of this section.

(7) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedules in the above paragraphs of this paragraph fail to satisfy the requirements of § 51.15(b) and (c) of this chapter.

(b) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(c) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State or those of a local air pollution control agency as noted.

(1) State compliance schedules:

TENNESSEE

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Bowaters Southern Paper Corp., State order No. 44-0073.	Calhoun	CH. VII-9(f)	June 19, 1973	Immediately	June 1, 1975.
General Shale, State order No. 45-0073.	Kingsport	CH. VII-8(b)	do	do	June 1, 1974.
Holston Army Ammunition Plant, State order No. 54-0073.	do	CH. VII-9(c)	do	do	Dec. 1, 1973.
Tennessee River Pulp & Paper Co., State order No. 93-00073.	Counce	CH. VI-2, CH. V-2(b).	do	do	July 1, 1975.
Tennessee Valley Authority, Kingston Steam Plant, Unit 1, State order No. 47-0073.	Kingston	CH. VI-2(a)(2), CH. V-2(b).	do	do	Do.
Tennessee Valley Authority, Johnsonville Steam Plant:					
(a) Unit 1, State order No. 50-0073.	New Johnsonville.	CH. VI-2(a)(2), CH. V-2(b).	Oct. 9, 1973	do	April 1, 1975.
(b) Unit 2, State order No. 49-0073.	do	CH. VI-2(a)(2), CH. V-2(b).	do	do	July 1, 1975.
(c) Unit 7, State order No. 48-0073.	do	CH. VI-2(a)(2), CH. V-2(b).	do	do	Mar. 1, 1974.
(d) Unit 8, State order No. 52-0073.	do	CH. VI-2(a)(2), CH. V-2(b).	do	do	June 1, 1974.
(e) Unit 9, State order No. 51-0073.	do	CH. VI-2(a)(2), CH. V-2(b).	do	do	Sept. 1, 1974.
(f) Unit 10, State order No. 53-0073.	do	CH. VI-2(a)(2), CH. V-2(b).	do	do	Dec. 1, 1974.
Tennessee Valley Authority, Allen Steam Plant (State order No. 21-0073).	Shelby County	Ch. 6, sec. 2	Mar. 20, 1973	do	Mar. 31, 1973.
Tennessee Valley Authority, Cumberland Steam Plant (State order No. 22-0073).	Stewart County	Ch. 6, sec. 2	do	do	Oct. 31, 1973.
Tennessee Valley Authority, John Sevier Steam Plant (State order No. 14-0073).	Hawkins County	Ch. 6, sec. 2	do	do	Oct. 31, 1974.
Tennessee Valley Authority, Watts Bar Steam Plant (State order No. 11-0073).	Rhea County	Ch. 6, sec. 2	do	do	July 1, 1975.

(2) Knox County compliance schedules:

Source	Location	Knox County regulation involved	Date of adoption	Effective date	Final compliance date
Burkhart Quarry & Knoxville, Supplies	Tenn	Secs. 17, 14, 22, 24	Oct. 2, 1972	Immediately	Mar. 15, 1973.
J F G Coffee	do	Secs. 17, 19, 21	Dec. 12, 1972	do	July 1, 1973.
Keller Foundry Co	do	Secs. 17, 19	Mar. 23, 1973	do	June 1, 1973.
Shalite Corp	do	Secs. 19, 22	do	do	Dec. 31, 1973.
Southern Railway Systems	do	Sec. 19	Oct. 2, 1972	do	Sept. 30, 1973.
Tom Foods, Ltd	do	do	Mar. 23, 1973	do	Dec. 1, 1973.

(d) The compliance schedules for the sources identified below are disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State or those of a local air pollution control agency as noted.

(1) State compliance schedules:

Source	Location	State regulation involved	Date of adoption
Burlington Industries, Inc. (State order No. 7-0073).	Washington County, Tenn	Ch. 6, sec. 4	Mar. 20, 1973.
Monsanto Co., kilns Nos. 1 and 2 (State order No. 8-0073).	Maury County, Tenn	Ch. 7, sec. 8	Do.
Monsanto Co., kiln No. 3 (State order No. 20-0073).	do	Ch. 7, sec. 8	Do.
Stauffer Chemical Co	do	Ch. 7, sec. 8	Do.
Tennessee Eastman Co.:			
(a) Bldg. 267: Chem. A, vent 1-A (State order No. 15-0073).	Sullivan County, Tenn	Ch. 7, sec. 8	Do.
(b) Bldg. 267: Chem. B, vent 1-A (State order No. 25-0073).	do	Ch. 7, sec. 8	Do.
(c) Bldg. 267: Chem. C, vent 1-A (State order No. 26-0073).	do	Ch. 7, sec. 8	Do.
(d) Bldg. 267: Chem. D, vent 1-A (State order No. 17-0073).	do	Ch. 7, sec. 8	Do.
(e) Bldg. 267: Chem. E, vent 1-A, (State order No. 16-0073).	do	Ch. 7, sec. 8	Do.
(f) B3A-1 (State order No. 18-0073)	do	Ch. 7, sec. 8	Do.
(g) B13-1 (State order No. 19-0073)	do	Ch. 7, sec. 8	Do.
(h) B13-3 (State order No. 24-0073)	do	Ch. 7, sec. 8	Do.

(e) *Federal compliance schedules—Local programs.* (1) Except as provided in paragraph (e)(16) of this section, the owner or operator of any stationary source subject to the following emission limiting regulations of the Knox County Air Pollution Control Regulations and the City of Memphis Air Pollution Control Code and Shelby County Air Pollution Control Code contained as part of the Tennessee implementation plan shall comply with the compliance schedule in paragraph (e)(2) of this section: Knox County Air Pollution Control Regulations, Sections 18.2C; 19.4B; 20.1D; and 23.1; City of Memphis Air Pollution Control Code and Shelby County Air Pollution Control Code Section 3-24(d).

(2) *Compliance schedule.* (i) October 1, 1973—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) December 1, 1973—Negotiate and sign all necessary contracts for emission control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) January 1, 1974—Initiate onsite construction or installation of emission control equipment or process modification.

(iv) May 1, 1975—Complete onsite construction or installation of emission control equipment or process modification.

(v) July 1, 1975—Achieve compliance with the applicable regulations and certify such compliance to the Administrator.

(3) Except as provided in paragraph (e)(16) of this section, the owner or operator of any stationary source subject to the following emission limiting regulation of the Knox County Air Pollution Control Regulations contained as part of the Tennessee implementation plan shall comply with the compliance schedule in paragraph (e)(4) of this section: Knox County Air Pollution Control Regulations, Section 19.2C.

(4) *Compliance schedule.* (i) October 1, 1973—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) December 1, 1973—Negotiate and sign all necessary contracts for emission control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) January 1, 1974—Initiate onsite construction or installation of emission control equipment or process modification.

(iv) May 1, 1975-Complete onsite construction or installation of emission control equipment or process modification.

(v) June 1, 1975—Achieve compliance with the applicable regulations and certify such compliance to the Administrator.

(5) Except as provided in paragraph (e)(16) of this section, the owner or operator of any boiler or furnace of more than 250 million Btu per hour heat input subject to the requirements of Knox County Air Pollution Control Regulations, section 18.4B; and City of Memphis Air Pollution Control Code and Shelby County Air Pollution Control Code, Section 3-24(b), contained as part of the Tennessee implementation plan shall notify the Administrator no later than October 1, 1973, of his intent to utilize either low-sulfur fuel or stack gas desulfurization to meet these requirements.

(6) Any owner or operator of a stationary source subject to paragraph (e)(5) of this section who elects to utilize low-sulfur fuel shall be subject to the following compliance schedule:

(i) November 1, 1973—Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with the applicable regulation on July 1, 1975, and for at least one year thereafter.

(ii) December 31, 1973—Sign contracts with fuel suppliers for fuel requirements as projected above.

(iii) January 31, 1974—Submit a statement as to whether boiler modifications will be required. If modifications will be required, submit plans for such modifications.

(iv) March 15, 1974—Let contracts for necessary boiler modifications, if applicable.

(v) June 15, 1974—Initiate onsite modifications, if applicable.

(vi) March 31, 1975—Complete onsite modifications, if applicable.

(vii) July 1, 1975—Achieve compliance with the requirements of Knox County Air Pollution Control Regulations, section 18.4B and City of Memphis Air Pollution Control Code and Shelby County Air Pollution Control Code Section 3-24 (b) and certify such compliance to the Administrator.

(7) Any owner or operator of a stationary source subject to paragraph (e)(5) of this section who elects to utilize stack gas desulfurization shall be subject to the following compliance schedule:

(i) November 1, 1973—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulation.

(ii) January 1, 1974—Negotiate and sign all necessary contracts for emission control systems or process modification, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) February 1, 1974—Initiate onsite construction or installation of emission control equipment or process modification.

(iv) May 1, 1975—Complete onsite construction or installation of emission control equipment or process modification.

(v) July 1, 1975—Achieve compliance with the applicable regulation and certify such compliance to the Administrator.

(8) Except as provided in paragraph (e)(16) of this section, the owner or operator of any stationary source subject to the following emission limiting regulation of the Hamilton County Air Pollution Control Regulations contained as part of the Tennessee implementation plan shall comply with the compliance schedule in paragraph (e)(9) of this section: Hamilton County Air Pollution Control Regulations, rule 10 (particulate emissions from process operations).

(9) *Compliance schedule.* (i) September 15, 1973—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) November 1, 1973—Negotiate and sign all necessary contracts for emission control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) December 1, 1973—Initiate onsite construction or installation of emission control equipment or process modifications.

(iv) June 1, 1974—Complete onsite construction or installation of emission control equipment or process modification.

(v) July 1, 1974—Achieve compliance with the applicable regulations, and certify such compliance to the Administrator.

(10) Except as provided in paragraph (e)(16) of this section, the owner or operator of any process (non-fuel burning) source of sulfur dioxide subject to the emission limiting requirements of the Hamilton County Air Pollution Control Regulations, rule 13, contained as part of the Tennessee implementation plan shall comply with the compliance schedule in paragraph (e)(9) of this section.

(11) Except as provided in paragraph (e)(16) of this section, the owner or operator of any boiler or furnace of more than 250 million Btu per hour heat input subject to the sulfur dioxide emission limiting requirements of the Hamilton County Air Pollution Control Regulations, rule 13, contained as part of the Tennessee implementation plan shall notify the Administrator, no later than October 1, 1973, of his intent to utilize either low-sulfur fuel or stack gas desulfurization to meet these requirements.

(12) Any owner or operator of a fuel burning facility subject to paragraph (e)(11) of this section who elects to utilize low-sulfur fuel shall be subject to the following compliance schedule:

(i) November 1, 1973—Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with the applicable regulation on July 1, 1974, and for at least one year thereafter.

(ii) December 1, 1973—Sign contracts with fuel suppliers for fuel requirements as projected above.

(iii) January 1, 1974—Submit a statement as to whether boiler modifications will be required. If modifications will be required, submit plans for such modifications.

(iv) February 1, 1974—Let contracts for necessary boiler modifications, if applicable.

(v) February 15, 1974—Initiate onsite modifications, if applicable.

(vi) June 15, 1974—Complete onsite modifications, if applicable.

(vii) July 1, 1974—Achieve compliance with the requirements of Hamilton County Air Pollution Control Regulations, rule 13, and certify such compliance to the Administrator.

(13) Any owner or operator of a fuel burning facility subject to paragraph (e)(11) of this section who elects to utilize stack gas desulfurization shall be subject to the following compliance schedule:

(i) November 1, 1973—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) December 1, 1973—Negotiate and sign all necessary contracts for emission control systems or process modifications, or issue orders for the purchase of component parts to accomplish emission control or process modification.

(iii) December 15, 1973—Initiate onsite construction or installation of emission control equipment or process modification.

(iv) June 15, 1974—Complete onsite construction or installation of emission control equipment or process modification.

(v) July 1, 1974—Achieve compliance with the applicable regulations, and certify such compliance to the Administrator.

(14) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by the final compliance date in the applicable regulation. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(15) Any owner or operator subject to a compliance schedule above shall certify to the Administrator, within five days after the deadline for each increment of progress in that schedule, whether or not the increment has been met.

(16) (i) None of the above paragraphs shall apply to a source which is presently in compliance with applicable regulations and which has certified such compliance to the Administrator by October 1, 1973. The Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(17) No compliance schedule in this paragraph shall excuse a source from complying with an interim emission limitation that is applicable to such source.

(18) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of a compliance schedule in this paragraph fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(f) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 and § 51.6 of this chapter. All regulations cited are air pollution control regulations of the State or those of a local air pollution control agency as noted.

(1) Statewide compliance schedules:

TENNESSEE

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Aluminum Co. of America, State order No. 79-00073.	Alcoa	CH.V-2(b), CH. VII-2.	Oct. 9, 1973	Immediately	Aug. 9, 1974.
American Enka, State order No. 64-00073:					
(a) Boilers 1, 2, 3	Morristown	CH. V-2(b), CH.VI-2(a).	do	do	July 1, 1975.
(b) Boilers 4, 5, 6	do	CH. VI-2(b), CH. VI-2(a).	do	do	Dec. 30, 1974.
(c) Boiler 9	do	CH. V-2(b), CH. VI-2(a).	do	do	June 30, 1974.
Athens Plow Co., State order No. 4-00073.	Athens	CH. V-2(b), CH. VII-9(b).	Mar. 20, 1973	do	Aug. 9, 1974.
Athens Stove Works, State order No. 55-0073.	Athens	CH. V-2(b), CH. VII-9(b).	June 19, 1973	do	July 2, 1974.
Beaunit Fibers, State order No. 56-0073:					
(a) Stacks 1 and 2	Elizabethton	CH. V-2(a)	do	do	Mar. 30, 1975.
(b) Stack 3	do	CH. VI-2(a), CH. V-2(a).	do	do	Nov. 30, 1974.
Bedford Lumber Co.:					
State order No. 87-00073	Shelbyville	CH. V-2(b), CH. VI-2(a)(2).	Oct. 9, 1973	do	Mar. 1, 1974.
State order No. 88-00073	do	CH. V-2(b), CH. VI-2(a)(2).	do	do	Oct. 9, 1974.
Bristol Foundry & Machine Co., State order No. 71-00073.	Bristol	CH. V-2(b), CH. VII-9(b).	do	do	Nov. 9, 1973.
Bruce Flooring State order No. 72-00073	Jackson	CH. V-2(b), CH. VII-2.	do	do	Aug. 9, 1974.
Burroughs-Ross-Colville Co.:					
State order No. 65-00073. (a) Boiler 1	McMinnville	CH. V-2(b), CH. VI-2(a)2	do	do	Do.
State order No. 66-00073					
(a) Collectors C-1, C-3	do	CH. V-2(b), CH. VII-2(a).	do	do	Do.
(b) Collector C-7	do	CH. V-2(b), CH. VII-2(a)	do	do	Oct. 1, 1973.

TENNESSEE—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Celotex Corp., State Order No. 61-0073:					
(a) Collectors A-1-2, B-3, B-4, and E-22.	Paris	CH. V-2(b), CH. VII-2(a).	June 19, 1973	do	May 1, 1974.
(b) Collectors D-12, D-13, and D-14.	do	CH. V-2(b), CH. VII-2(a).	do	do	Apr. 1, 1974.
(c) Collectors C-0, C-10, and C-11.	do	CH. V-2(b), CH. VII-2(a).	do	do	Oct. 30, 1973.
Clarksville Foundry & Machine Works State order No. 73-00073.	Clarksville	CH. V-2(b), CH. VII-9(b).	Oct. 9, 1973	do	Jan. 30, 1974.
Dover Corp., State order No. 74-00073.	Middleton	CH.V-2(b), CH. VI-2(d).	do	do	July 9, 1974.
Farrar Construction, State order No. 75-00073.	McMinnville	CH. V-2(b), CH. VII-9(g).	do	do	Oct. 9, 1973.
Harris Manufacturing Co., State order No. 62-0073.	Johnson City	CH.V-2(b), CH. VII-2(a).	June 19, 1973	do	June 1, 1974.
Holston Army Ammunition Plant, State order No. 67-00073.	Kingsport	CH.V-2(b), CH. VI-2(a).	Oct. 9, 1973	do	July 1, 1975.
Kingsport Foundry & Manufacturing Corp., State order No. 57-0073.	do	CH.V-2(b), CH. VII-9(b).	June 19, 1973	do	Feb. 28, 1974.
Koh-i-noor Radiograph, Inc., State order No. 58-0073.	Lewisburg	CH.V-2(b), CH. VII-2(a).	do	do	Mar. 29, 1974.
Lenoir Car Works, State order No. 76-00073.	Lenoir City	CH. V-2(b), CH. VII-2.	Oct. 9, 1973	do	Dec. 9, 1973.
Marquette Cement Manufacturing Co., State order No. 5-0073.	Cowan	CH. V-2(b), CH. VII-2.	Mar. 20, 1973	do	Aug. 9, 1974.
Mead Corp., State order No. 59-0073.	Kingsport	CH. V-2(b), CH. VI-2(a)(1).	June 19, 1973	do	July 1, 1975.
Monsanto Co., State order No. 6-0073:					
(a) Source 4	Columbia	CH. V-2, CH. VII-2.	Mar. 20, 1973	do	Mar. 9, 1974.
(b) Source 5	do	CH. V-2, CH. VII-2.	do	do	Dec. 9, 1973.
Royal Oak Charcoal Co.:					
State order No. 77-00073	Jamestown	CH.V-2(b), CH. VII-2.	Oct. 9, 1973	do	July 31, 1974.
State order No. 78-00073	do	CH. V-2(b), CH.VII-2.	do	do	Mar. 1, 1974.
Stokely-Van Camp, Inc., State order No. 63-0073.	Tellico Plains	CH.V-2(b), CH VI-2(a)(2).	June 19, 1973	do	Jan. 30, 1974.
Tennessee Asphalt Co., State order No. 79-00073.	LaFollette	CH.V-2(b), CH. VII-9(g).	Oct. 9, 1973	do	Dec. 30, 1973.
Tennessee Eastman Co.:					
State order No. 80-00073	Kingsport	CH. V-2(b), CH. VII-2.	do	do	June 1, 1974.
State order No 81-00073	do	CH. V-2(b), CH. VII-2.	do	do	Aug. 9, 1974.
State order No. 82-00073	do	CH.V-2(b), CH. VII-2.	do	do	Nov. 1, 1974.
State order No. 83-00073	do	CH. V-2(b), CH. VII-2.	do	do	July 1, 1975.
State order No. 84-00073:					
(a) Units 18-22	do	CH V-2(b), CH.VI-2(a)(1).	do	do	Mar. 1, 1974.
(b) Units 11-17	do	CH. VI-2(b), CH. VI-2(a)(1).	do	do	June 1, 1975.
Tennessee Forging Steel Co., State order No. 85-00073.	Harriman	CH. V-2(b), CH. VII-2.	do	do	Oct. 30, 1973.
Tennessee Metallurgical, State order No. 89-00073:					
(a) Furnace No. 2	Kimball	CH.V-2(b), CH. VII-2.	do	do	Mar. 1, 1974.
(b) Furnace No. 1	do	CH. V-2(b), CH. VII-2.	do	do	Jan. 15, 1974.

TENNESSEE—Continued

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Union Carbide Corp., State order No. 86-00073.	Columbia	CH. V-2(b), CH. VII-2.	do	do	Aug. 9, 1974.
United States Stove Co., State order No. 3-0073.	South Pittsburg	CH.V-2(b)	Mar. 20, 1973	do	Feb. 9, 1974.
Aluminum Co. of America, sources 22 and 23 (carbon anode baking).	Alcoa	Ch. V, sec. II.B	Nov. 28, 1973	do	July 9, 1974.
Berkline Corp., plant No. 1, collector No. 6.	Morristown	Ch. V, sec. II. B; ch. VII, sec. II.	do	do	June 9, 1974.
E. I. du Pont: 4 steam boilers, particulate emissions, SO_2 emissions.	New Johnsonville.	Ch. V, sec. II. B; ch. V, sec. II.A(2).	Feb 6, 1974	do	June 30, 1975.
Industrial Products Co., Inc.: Control equipment.	Mt. Pleasant	Ch. V, sec. II.B; ch. VII, sec. II.	Nov. 28, 1973	do	Jan. 1, 1974.
Interstate Foundry & Machine Co.: Cupola.	Johnson City	Ch. V, sec. II. B; ch. VII, sec. IX.B.	do	do	Feb. 9, 1974.
Laminite Plastics Corp.: Moldow system (phase I only).	Morristown	Ch. V, sec. II. B; ch. VII, sec. II.	do	do	Apr. 30, 1974.
Lea Industries:					
Plant No. 4; process emissions.	do	do	do	do	Jan. 1, 1974.
Plant No. 5; process emissions.	do	do	do	do	Aug. 9, 1974.
Plant No. 6; process emissions.	do	do	do	do	Do.
Plant No. 6, boiler	do	Ch. V	do	do	Feb. 1, 1974.
Lewisburg Casting Co., Inc.: Cupola.	Lewisburg	do	Nov. 28, 1979	do	June 9, 1974.
A. B. Long Quarries, Inc.: Limestone quarry and crusher.	Harriman	Ch. V, sec. II.B; ch. VII, sec. II; ch. VIII.	do	do	Mar. 30, 1974.
Monsanto Industrial Chemical Co.	Columbia	Ch. VII	Feb. 6, 1973	do	July 1, 1975.
Plough, Inc.: Boiler	Shelbyville	Ch. V, sec. II. B; ch. VI, sec. II.A(2).	do	do	May 30, 1974.
Powermatic-Houdaille, Inc.: Two No. 5 cupolas.	McMinnville	Ch. V, sec. II.B; ch. VII, sec. II.	do	do	Aug. 9, 1974.
Royal Oak Charcoal Co.: Kilns 1, 2, 3, 4, 5.	Cookeville	do	do	do	Do.
Don P. Smith Chair Co.: Drying kiln.	Loudin	do	do	do	June 30, 1974.
Temple Industries: Conical burner.	Savannah	Ch. V, sec. II. B, ch. VI, sec. II.D.	do	do	Apr. 30, 1974.
Tennlite, Inc.: Two rotary kilns	Green Brier	Ch. V, sec. II.B; ch. VII, sec. II.	do	do	July 30, 1974.
Tenn. Asphalt Co. & Road Builders, Inc.: Asphalt batching plant.	Cumberland City	Ch. V, sec. II.B, ch. VII, secs. II and IX, G, ch. VIII.	do	do	Dec. 17, 1974.
Vulcan Materials Co.: Rock quarry.	Emory Gap	Ch. V, sec. II.B, ch. VII, sec. II; ch. VIII.	do	do	Mar. 31, 1974.
Do	Savannah	Ch. V, sec. II.B, ch. VII, sec. II; ch. VIII.	do	do	June 21, 1974.
Do	Parsons	Ch. V, sec. II.B, ch. VII, sec. II, ch. VIII.	do	do	Feb. 18, 1974.
Cities Service (41-0073)	Copperhill	Ch. VII, sec. 8	June 19, 1973	do	July 1, 1975.
Cities Service (42-0073)	do	Ch. VII, sec. 8	do	do	Do.
Penn Dixie Cement	Kingsport	Ch. VII, sec. 2	Oct. 9, 1973	do	Do.

(2) Chattanooga-Hamilton County compliance schedules:

TENNESSEE

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Chattanooga Public Schools:					
(a) Elbert Long School	Chattanooga	Sec. 9(8)	Feb. 8, 1973	Immediately	July 1, 1974.
(b) Charles A. Bell School	do	Sec. 9(8)	do	do	Do.
(c) G. Russel Brown School	do	Sec. 9(8)	do	do	Do.
(d) Calvin Donaldwon School	do	Sec. 9(8)	do	do	Do.
(e) East Chattanooga School	do	Sec. 9(8)	do	do	Do.
(f) Highland Park School	do	Sec. 9(8)	do	do	Do.
(g) Normal Park School	do	Sec. 9(8)	do	do	Do.
(h) Piney Woods School	do	Sec. 9(8)	do	do	Do.
(i) Ridgedale School	do	Sec. 9(8)	do	do	Do.
(j) Frank H. Trotter School	do	Sec. 9(8)	do	do	Do.
(k) Woodmore School	do	Sec. 9(8)	do	do	Do.
(l) Rivermont School	do	Sec. 9(8)	do	do	Do.
(m) St. Elmo School	do	Sec. 9(8)	do	do	Do.
E.I. du Pont de Nemours & Co.:					
(a) Nylon 66 evaporator Nos. 1-5.	do	Sec. 9	do	do	Do.
(b) Nylon auto clave Nos. 1-17.	do	Sec. 9	do	do	Do.
(c) Continuous polymerization lines I-III.	do	Sec. 9	do	do	Do.
(d) Continuous polymerization line IV.	do	Sec. 9	do	do	Sept. 1, 1973.
(e) Lindburg furnace type 364830-E12-S.	do	Sec. 9	do	do	Aug. 1, 1973.
(f) Lindburg furnace type 243624-E12-S.	do	Sec. 9	do	do	Feb. 1, 1974.
(g) Trent furnace model 862640A.	do	Sec. 9	do	do	Mar. 1, 1974.
(h) Lindburg furnace type 364830-E12-S.	do	Sec. 9	do	do	Apr. 1, 1974.
(i) Riley boiler	do	Sec. 9	do	do	July 1, 1974.
(j) B & W boiler	do	Sec. 9	do	do	Do.
General Tire Service	do	Sec. 9	do	do	Jan. 31, 1974.
Randolph Manufacturing Co., Inc.	do	Sec. 9	do	do	Do.
Southern Foundry Supply, Inc	do	Sec. 9	do	do	Mar. 31, 1973.
Tennessee Awning & Tent Co	do	Sec. 9	Feb. 9, 1973	do	June 1, 1973.
United States Pipe & Foundry Co.	do	Sec. 9	Feb. 8, 1973	do	Nov. 1, 1973.

(3) Memphis-Shelby County compliance schedules:

TENNESSEE

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Desoto Hardwood Flooring Co.: Phase 1.	Chattanooga	Sec. 9	Apr. 5, 1973	Immediately	May 1, 1974.
Wabash, Inc.: Phase 1	do	Secs. 3-17, 3-20.	do	do	Apr. 1, 1974.

(4) Nashville-Davidson County compliance schedules:

TENNESSEE

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Bruce Flooring	Nashville	Sec. 4-1-9	Feb. 7, 1973	Immediately	Dec. 31, 1973.

[38 FR 16169, June 20, 1973, as amended at 38 FR 22748, Aug. 23, 1973; 38 FR 24341, 24342, Sept. 7, 1973; 40 FR 3445, Jan. 22, 1975; 40 FR 3570, Jan. 23, 1975; 42 FR 10995, Feb. 25, 1977]

§ 52.2224 Legal authority.

(a) The requirements of § 51.11(a)(3) of this chapter are not met since the plan does not provide the legal authority for controlling motor vehicles during air pollution emergency episodes.

(b) The requirements of § 51.11(a)(4) of this chapter are not met since statutory authority to prevent construction, modification, or operation of a facility, building, structure, or installation, or combination thereof, which indirectly results or may result in emissions of any air pollutant at any location which will prevent the maintenance of a national air quality standard is not adequate.

(c) (1) The requirements of § 51.11(a) (2) of this chapter are not met since the definition of "person" set forth in the Tennessee Air Quality Act and in the State implementation plan does not include facilities owned or operated by the State. Therefore, section 53-3409(f) of the Tennessee Code Annotated and section 30 of Chapter II of the Tennessee Air Pollution Control Regulations are disapproved.

(2) Definition of "person". For the purposes of the plan, "person" shall mean "any individual, partnership, copartnership, firm, company, corporation, association, joint stock company, trust, estate, State-owned or operated facility, State agency, political subdivision, or any other legal entity, or their legal representatives, agents, or assigns."

(d) The requirements of § 51.11(a)(2) of this chapter are not met since the State lacks legal authority, as a result of the enactment of House Bill 1490 by the 1974 Tennessee legislature, to control emissions from the quarrying and processing of agricultural limestone. Therefore, section 53-3424 of the Tennessee Code Annotated is disapproved.

(e) The requirements of § 51.11(a)(2) of this chapter are not met since the State lacks legal authority, as a result of the enactment of House Bill 1845 by the 1974 Tennessee legislature, to control emissions from air contaminant sources which use woodwaste only as fuel. Therefore, the last sentence of section 53-3422 of the Tennessee Code Annotated is disapproved.

[37 FR 10894, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.2224, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.2225 Control strategy: Carbon monoxide and ozone.

Part D, conditional approval.

(a) [Reserved]

(b) The control strategy submitted pursuant to Part D of Title I for the Nashville CO and ozone nonattainment area is approved on condition the indicated actions are taken by the appropriate dates as follows:

(1) The Council of Metropolitan Governments of Nashville adopt a mechanism to prevent noncomplying vehicles from operating upon public roads in Davidson County by January 31, 1981, and that the adopted mechanism be submitted to EPA by June ?0, 1981.

(c) [Reserved]

(d) The State's Set II VOC regulations are approved on condition that the State by September 1, 1982, submit a compliance test method for gasoline tank trucks and collection systems.

(Secs. 110, 172, Clean Air Act (42 U.S.C. 7410, 7502))

[45 FR 8008, Feb. 6, 1980, as amended at 45 FR 53817, Aug. 13, 1980; 46 FR 43971, Sept. 2, 1981; 46 FR 57488, Nov. 24, 1981; 46 FR 61271, Dec. 16, 1981]

§ 52.2226 Extensions.

The Administrator hereby extends for 18 months (until July 1, 1980) the statutory deadline for submittal of a plan to attain the secondary SO_2 standard in Copperhill.

(a) [Reserved]

(b) The Administrator hereby extends for 18 months (until July 1, 1980) the statutory timetable for submittal of Tennessee's plans to attain and maintain the secondary ambient standard for particulate matter in the Chattanooga, Columbia, Kingsport, Memphis, and Nashville nonattainment areas (40 CFR 81.343).

[45 FR 2034, Jan. 10, 1980, as amended at 45 FR 8008, Feb. 6, 1980]

§ 52.2227 Prevention of air pollution emergency episodes.

(a) The requirements of § 51.16(b)(3) of this chapter are not met since the plan does not provide for the enforcement of emission control actions for mobile sources during air pollution emergency episodes.

[37 FR 10895, May 31, 1972]

§ 52.2228 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met since the State failed to submit a plan for review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Tennessee.

[39 FR 7284, Feb. 25, 1974]

§ 52.2229 [Reserved]

§ 52.2230 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in Tennessee's plan.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Eastern Tennessee-Southwestern Virginia Interstate:							
a. Sullivan County: Bristol and Kingsport nonattainment areas [1]	d	d	c	c	b	b	d
b. Campbell County nonattainment areas [1]	d	d	c	c	b	b	b
c. Anderson/Knox County nonattainment area [1]	c	d	c	c	b	b	b
d. Copperhill nonattainment area [1]	c	c	d	f	b	b	b
e. Knox County nonattainment area [1]	c	c	c	c	b	d	d
f. Bradley County nonattainment area [1]	c	c	c	c	b	b	d
g. Roane County nonattainment area	c	c	c	c	b	b	d
h. Rest of AQCR	c	c	c	c	b	b	b
Tennessee River Valley-Cumberland Mountains Intrastate	c	c	c	c	b	b	b
Middle Tennessee Intrastate:							
a. Benton/Humphreys County nonattainment areas [1]	c	c	d	d	b	b	c
b. Davidson County nonattainment area [1]	d	d	c	c	b	e	e
c. Maury County nonattainment area [1]	c	c	b	b	b	b	d
d. Rest of AQCR	c	c	b	b	b	b	c
Western Tennessee Intrastate:							
a. Benton/Humphreys County nonattainment area [1]	c	c	d	d	b	b	b
b. Rest of AQCR	c	c	b	b	b	b	b
Chattanooga Interstate:							
a. Hamilton County nonattainment area [1]	c	c	b	b	b	b	d
b. Rest of AQCR	c	c	b	b	b	b	b
Metropolitan Memphis:							
a. Shelby County nonattainment area [1]	c	c	b	b	b	e	d
b. Rest of AQCR	c	c	b	b	b	b	c

[1] For more precise delineation, see § 81.343 of this chapter.

a. Air quality levels presently below primary standards or area is unclassifiable.
b. Air quality levels presently below secondary standards or area is unclassifiable.
c. July 1975.
d. December 31, 1982.
e. December 31, 1987.
f. 18-month extension granted.

(Secs. 110, 172, Clean Air Act (42 U.S.C. 7410, 7502))

[45 FR 53818, Aug. 13, 1980, as amended at 45 FR 75661, Nov. 17, 1980]

§ 52.2231 Control strategy: Sulfur oxides and particulate matter.

Part D conditional approval.

(a)-(b) [Reserved]

(Secs. 110, 172, Clean Air Act (42 U.S.C. 7410, 7502))

[45 FR 53817, Aug. 13, 1980, as amended at 47 FR 23162, May 27, 1982]

§ 52.2232 Maintenance of national standards.

(a) The requirements of §§ 51.4 and 51.12(e) are not met since the AQMA identifications were submitted by the State prior to the State public hearing and thus could not have accounted for public comment at that hearing.

(b) The areas listed below are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Chattanooga Interstate Air Quality Maintenance Area (Tennessee Portion).

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of the area:

Hamilton County

(2) Nashville Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Davidson County

[40 FR 41953, Sept. 9, 1975]

§ 52.2233 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulation for preventing significant deterioration of air quality.* The provisions of § 52.21 (b) through (v) are hereby incorporated and made a part of the applicable State plan for the State of Tennessee.

(c) (1) All applications and other information required pursuant to § 52.21 of this part from sources located or to be located in the State of Tennessee shall be submitted to the Division of Air Pollution Control, Tennessee Department of Public Health, 256 Capitol Hill Building, Nashville, Tennessee 37219.

[42 FR 36456, July 15, 1977, and 43 FR 26410, June 19, 1978]

Subpart SS—Texas

§ 52.2270 Identification of plan.

(a) Title of plan: "Texas Air Pollution Control Implementation Plan."

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Certification that statewide public hearings had been held on the plan was submitted by the Texas Air Control Board (TACB) on February 8, 1972. (Nonregulatory)

(2) A discussion of its policy concerning the confidentiality of certain hydrocarbon emission data was submitted by the TACB on May 2, 1972. (Nonregulatory)

(3) A discussion of the source surveillance and extension sections of the plan was submitted by the TACB on May 3, 1972. (Nonregulatory)

(4) A discussion of minor revisions to the plan was submitted by the Governor on July 31, 1972. (Nonregulatory)

(5) Revisions of section XI, paragraph C.3: Rule 9: Regulation V and control strategy for photochemical oxidants/hydrocarbons in Texas designated regions 7 and 10; regulation VII; and control strategy for nitrogen oxides in regions 5, 7, and 8 were submitted by the TACB on August 8, 1972.

(6) A request that inconsistencies in the plan concerning the attainment dates of primary air standards be corrected was submitted by the Governor on November 10, 1972. (Nonregulatory)

(7) Revisions to regulation IV, regulation V, the general rules and control strategy for photochemical oxidants/hydrocarbons, and a request for a two year extension to meet Federal standards for photochemical oxidants was submitted by the Governor on April 13, 1973.

(8) Revisions to regulation IV (Control of Air Pollution from Motor Vehicles) were adopted on October 30, 1973, and were submitted by the Governor on December 11, 1973.

(9) A revision of priority classifications for particulate matter, sulfur oxides, and carbon monoxide was submitted by the Governor on March 21, 1975. (Nonregulatory)

(10) Revisions to rule 23, concerning compliance with new source performance standards, and rule 24, concerning compliance with national emission standards for hazardous air pollutants were submitted by the Governor on May 9, 1975.

(11) Administrative revisions were submitted by the TACB with the semi-annual report in 1974 for sections I, II, III, IV, XI and XIII, and with the semi-annual report in 1975 for sections I, II, XI, and XII. (Nonregulatory)

(12) A revision of section IX, Air Quality Surveillance, was submitted by the Governor on August 2, 1976. (Nonregulatory)

(13) Revisions to section IX, Air Quality Surveillance Plan, which include changes of several air quality monitoring sites, were submitted by the TACB on August 12, 1977. (Nonregulatory)

(14) Administrative revisions to section X, the Permit System, were submitted by the TACB in 1973, 1974, 1975, and 1977. (Nonregulatory)

(15) Revisions to regulation V for control of volatile carbon compound emissions, as amended on December 10, 1976, were submitted by the Governor on July 20, 1977.

(16) An administrative revision to Section IX, Air Quality Surveillance System, was submitted by the Texas Air Control Board on August 14, 1978. (Nonregulatory)

(17) Board Order No. 78-6, creditable as emission offsets for the Corpus Christi Petrochemical Company project in Corpus Christi, was submitted by the Governor on July 24, 1978, as amendments to the Texas State Implementation Plan (see § 52.2275).

(18) Draft inspection/maintenance legislation and a schedule for conducting a pilot inspection/maintenance study were submitted by the Governor on April 13, 1979.

(19) Adopted inspection/maintenance legislation and administrative revisions concerning inspection/maintenance were submitted by the Governor on August 9, 1979.

(20) Revisions to the plan for attainment of standards for particulate matter, carbon monoxide, and ozone (Part D requirements) were submitted by the Governor on April 13, 1979.

(21) Administrative revisions to the transportation control portion of the plan were submitted by the Governor on August 9, 1979 (non-regulatory).

(22) No action is being taken on Subchapters 131.07.52, .53, and .54 of Regulation V, submitted by the Governor April 13, 1979 for the ozone nonattainment counties of Harris, Galveston, Brazoria, Bexar, Dallas, and Tarrant.

(23) No action is being taken on the control strategy for the TSP nonattainment area of Houston 1, submitted by the Governor on April 13, 1979.

(24) A revision identifying and committing to implement currently planned Transportation Control Measures (TCMs) for Harris County was submitted by the Governor on December 28, 1979.

(25) Revisions to Regulation VI (i.e., Subchapter 116.3(a)(13-15)), and the definition of "de minimus impact," were adopted by the Texas Air Control Board on July 11, 1980, and sub-

mitted by the Governor on July 25, 1980.

(26) Board Order No. 78-8 creditable as emission offsets for the General Portland, Inc., project in New Braunfels, Comal County, Texas, was submitted by the Governor on September 13, 1978, as an amendment to the Texas State Implementation Plan (see § 52.2276).

(27) Revisions to Regulation V (i.e., Subchapters 115.171-176) and particulate matter (TSP) control strategies for the nonattainment areas of San Benito, Brownsville, Corpus Christi 1, Corpus Christi 2, Dallas 1, and El Paso 4 were adopted by the Texas Air Control Board on July 11, 1980, and submitted by the Governor on July 25, 1980.

(28) An administrative revision to Section I, Introduction, was submitted by the TACB on July 23, 1981. (Nonregulatory)

(29) An administrative revision to Section V, Legal Authority, was submitted by the TACB on July 23, 1981. (Nonregulatory).

(30) Revisions to the Texas SIP for the Union Carbide Corporation Bubble in Texas City, Texas were submitted by the Governor on December 15, 1981.

(31) Revisions to the ozone, total suspended particulate, and carbon monoxide control strategies, General Rules (i.e., definition for vapor mounted seal and section 101.22), Regulation IV (i.e., addition of section 114.2(b)), and Regulation V (i.e., deletion of sections 115.46 and 115.71, 115.101-106, sections 115.144, 115.153, title of sections 115.161-163 and 115.162, 115.171-176, 115.191-194, sections 115.252, 115.262, 115.401, 115.411, and title of sections 115.421-424) were adopted by the Texas Air Control Board on March 20, 1981, and submitted by the Governor on July 20, 1981.

(32) Revisions to the plan for intergovernmental consultation and composition of the Texas Air Control Board were submitted by the Governor on April 13, 1979.

Editorial Note: At 47 FR 18857, May 3, 1982, the following paragraph (c)(32) was added to § 52.2270 and will be correctly designated by an EPA document published in the Federal Register at a later date.

(32) Revisions to the General Rules (i.e., the addition of definitions for liquid-mounted seal, miscellaneous metal parts and products, factory surface coating of flat wood paneling, vapor tight, and waxy high pour point crude oil) and Regulation V (i.e., sections 115.101-106, section 115.191 (9) and (10), sections 115.193, 115.194, 115.201-203, 115.221-223, 115.231-233, 115.251-255, 115.261-264, and 115.421-424) were adopted by the Texas Air Control Board on July 11, 1980 and submitted by the Governor on July 25, 1980.

(33) A revision to General Rule 9—Sampling, as adopted by the Texas Air Control Board on October 30, 1973, was submitted by the Governor on December 11, 1973.

(34) Revision to the Texas SIP for Monsanto Chemical Intermediates Company Bubble in Texas City, Texas were submitted by the Governor on January 6, 1982, (Board Order No. 81-13).

(35) Revisions to the Texas SIP for the Monsanto Chemical Intermediates Company Bubble in Chocolate Bayou, Texas were submitted by the Governor on January 6, 1982, (Board No. 81-14).

(36)-(39) [Reserved]

(40) Revisions to Subchapter 115.131 (formerly 131.07.54) of Regulation V were adopted by the Texas Air Control Board on September 7, 1979 and submitted by the Governor to EPA on November 2, 1979 (i.e., removal of Jefferson, Orange, El Paso, Nueces, and Travis Counties).

(Sec. 110(a), Clean Air Act, as amended (42 U.S.C. 7410(a)))

[37 FR 10895, May 31, 1972]

Editorial Note: For amendments to § 52.2270, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Effective Date Note: In § 52.2270, paragraphs (c) (34) and (35) were added at 47 FR 27073, June 23, 1982, effective August 23, 1982, and paragraph (c)(40) was added at 47 FR 28624, July 1, 1982, effective August 30, 1982.

§ 52.2271 Classification of regions.

(a) The Texas plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Abilene-Wichita Falls Intrastate	II	III	III	III	III
Amarillo-Lubbock Intrastate	II	III	III	III	III
Austin-Waco Intrastate	II	III	III	III	I
Brownsville-Laredo Intrastate	I	III	III	III	III
Corpus Christi-Victoria Intrastate	I	II	III	III	I
Midland-Odessa-San Angelo Intrastate	II	II	III	III	III
Metropolitan Houston-Galveston Intrastate	I	I	III	III	I
Metropolitan Dallas-Fort Worth Intrastate	II	III	III	III	I
Metropolitan San Antonio Intrastate	II	III	III	III	I
Southern Louisiana-Southeast Texas Interstate	II	I	III	III	I
El Paso-Las Cruces Alamogordo Interstate	I	IA	III	I	I
Shreveport-Texarkana-Tyler Interstate	II	III	III	III	III

(b) The proposed priority classifications for particulate matter and carbon monoxide submitted by the Governor on March 21. 1975 are disapproved.

(c) The revision of Section II, classification of regions, submitted by the Texas Air Control Board with the semiannual in 1975 is disapproved.

[37 FR 10895, May 31, 1972, as amended at 39 FR 16347, May 8, 1974; 42 FR 20131, Apr. 18, 1977; 42 FR 27894, June 1, 1977; 45 FR 19244, Mar. 25, 1980]

§ 52.2272 Extensions.

(a) The Administrator hereby extends the attainment dates for the national standards for photochemical oxidants (hydrocarbons) to May 31, 1977, in the following Air Quality Control Regions as defined in Part 81 of this chapter; Austin-Waco, Corpus Christi-Victoria, Metropolitan Dallas-Fort Worth, Metropolitan Houston-Galveston, Metropolitan San Antonio Intrastate, the Texas portion of the El Paso-Las Cruces-Alamogordo Interstate, and the Texas portion of the Southern Louisiana-Southeast Texas Interstate.

(b) The Administrator hereby extends to December 31, 1987, the attainment date for ozone in Harris County.

[42 FR 37380, July 21, 1977, as amended at 45 FR 19244, Mar. 25, 1980]

§ 52.2273 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Texas' plan for the attainment and maintenance of the national standards under Section 110 of the Clean Air Act. Furthermore, the Administrator finds that the plan satisfies all requirements of Part D, Title 1, of the Clean Air Act as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

[45 FR 19244, Mar. 25, 1980]

§ 52.2274 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the legal authority to provide for public availability of emission data is inadequate.

[39 FR 34537, Sept. 26, 1974]

§ 52.2275 Control strategy and regulations: Ozone.

(a) Section 510.3 of revised Regulation V, which was submitted by the Governor on July 20, 1977, is disapproved.

(b) Notwithstanding any provisions to the contrary in the Texas Implementation Plan, the control measures listed in paragraph (d) of this section shall be implemented in accordance with the schedule set forth below.

(c)(1) Removal from service of a 12,000 BPD vacuum distillation unit at the Corpus Christi refinery of the

Champlin Petroleum Company, Corpus Christi, Texas, with a final compliance date no later than October 1, 1979. This shall result in an estimated hydrocarbon emission reduction of at least 139 tons per year.

(2) Dedication of gasoline storage tank 91-TK-3 located at the Corpus Christi refinery of the Champlin Petroleum Company, Corpus Christi, Texas to the exclusive storage of No. 2 Fuel Oil or any fluid with a vapor pressure equivalent to, or less than that of No. 2 Fuel Oil, with a final compliance date no later than October 1, 1979. This shall result in an estimated hydrocarbon emission reduction of at least 107.6 tons per year.

(d) For purposes of federal enforcement, the following test methods shall be used:

(1) For perchloroethylene dry cleaning systems regulated under sections 115.221-223 of Regulation V of the Texas Air Control Board (TACB) Regulations, compliance with the requirements therein shall be determined by the test methods and procedures specified in Regulation 22.19 of the Louisiana Environmental Control Commission (LECC) Regulations as adopted by the LECC on November 27, 1979 and approved by EPA on October 29, 1981. (See 40 CFR 52.970.)

(2) For petroleum refineries regulated under sections 115.251-255 of Regulation V of the TACB Regulations, compliance with the requirements therein shall be determined by the test methods and procedures specified in Regulation 22.21 of the LECC Regulations as adopted by the LECC on November 27, 1979 and approved by EPA on October 29, 1981. (See 40 CFR 52.970.)

(3) For gasoline tank trucks regulated under sections 115.261-264 of Regulation V of the TACB Regulations, compliance with the requirements therein shall be determined by the test methods and procedures specified in Regulation 22.22 of the LECC Regulations as adopted by the LECC on November 27, 1979 and approved by EPA on October 29, 1981. (See 40 CFR 52.970.)

(Sec. 110(a), and 172, Clean Air Act, as amended (42 U.S.C. 7410(a)))

[42 FR 37380, July 21, 1977, as amended at 44 FR 5662, Jan. 29, 1979; 44 FR 55006, Sept. 24, 1979; 45 FR 19244, Mar. 25, 1980; 46 FR 47545, Sept. 29, 1981; 47 FR 18858, May 3, 1982; 47 FR 20770, May 14, 1982]

EFFECTIVE DATE NOTE: In § 52.2275, paragraphs (a) (1) and (2) were removed and paragraphs (b), (c) and (d) were redesignated as (a), (b) and (c), at 47 FR 20770, May 14, 1982, effective July 13, 1982. For the convenience of the user, the superseded text of paragraphs (a) (1) and (2) is set forth below:

§ 52.2275 Control strategy and regulations: Ozone.

(a) * * *

(1) The State submit compliance schedules by March 30, 1980, for all can coating sources which request an extension beyond December 31, 1982, along with full justification for the extension, to EPA for approval.

(2) The State submit compliance schedules by March 30, 1980, for those sources previously exempt from Regulation V and now required to comply, as specified under Subchapter 131.07.62.

* * * * *

§ 52.2276 Control strategy and regulations: Particulate matter.

(a) *Part D Conditional Approval.* The Texas plan for total suspended particulate (TSP) for the nonattainment area of Dallas 3 is conditionally approved until the State satisfactorily completes the following items:

(1) Draft SIP revision supplement submitted to EPA by March 3, 1980.

(2) Public hearing completed by May 5, 1980.

(3) Adopt revision and revised Regulation I as it pertains to control of nontraditional sources, if necessary, and submit to EPA by August 1, 1980.

(b) Notwithstanding any provisions to the contrary in the Texas Implementation Plan, the control measures listed in paragraph (c) of this section shall be implemented in accordance with the schedule set forth below.

(c) No later than January 1, 1980, Parker Brothers and Co., Inc., at its limestone quarry facilities near New Braunfels, Comal County, Texas shall install fabric filters on the primary crusher and on the secondary crusher and screens, meeting the requirements of Appendix A of the Texas Air Control Board Order 78-8 adopted August 11, 1978. After the date of installation of the fabric filters, Parker Brothers and Co., Inc., shall not emit particulate matter in excess of 0.03 grains per standard cubic foot from the exhaust stack of the fabric filter on its primary crusher and shall not emit particulate matter in excess of 0.03 grains per standard cubic foot from the exhaust stack of the fabric filter on its secondary crusher and screens.

(Sec. 110 of the Clean Air Act, as amended (42 U.S.C. 7410))

[46 FR 43425, Aug. 28, 1981, and 46 FR 47545, Sept. 29, 1981]

§§ 52.2277—52.2278 [Reserved]

§ 52.2279 Attainment dates for national standards.

The table below presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in Texas' plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Abilene-Wichita Falls Intrastate	b	b	b	b	a	a	a
Amarillo-Lubbock Intrastate	b	b	b	b	a	a	a
Austin-Waco Intrastate	b	b	a	a	a	a	*May 31, 1977*
Brownsville-Laredo Intrastate (except Cameron County	b	b	a	a	a	a	a
Brownsville-Laredo Intrastate (Cameron County only)	[1]c	[1]d	a	a	a	a	a
Corpus Christi-Victoria Intrastate (except Nueces and Victoria Counties)	[1]b	[1]b	b	b	a	a	May 31, 1977
Corpus Christi-Victoria Intrastate (Nueces County only)	[1]c	[1]d	b	b	a	a	c
Corpus Christi-Victoria Intrastate (Victoria County only)	b	b	b	b	a	a	c
Midland-Odessa-San Angelo Intrastate (except Ector County)	b	b	b	b	a	a	a
Midland-Odessa-San Angelo Intrastate (Ector County Only)	b	b	b	b	a	a	c
Metropolitan Houston-Galveston Intrastate (except Brazoria, Harris and Galveston Counties)	b	b	b	b	a	a	May 31, 1977
Metropolitan Houston-Galveston Intrastate (Brazoria and Galveston Counties only)	b	b	b	b	a	a	c
Metropolitan Houston-Galveston Intrastate (Harris County only)	[1]c	[1]d	b	b	a	a	d
Metropolitan Dallas-Fort Worth Intrastate (except Dallas and Tarrant Counties)	b	b	a	a	a	a	d
Metropolitan Dallas-Fort Worth Intrastate (Dallas and Tarrant Counties only)	[1]c	[1]d	a	a	a	a	c
Metropolitan San Antonio Intrastate (except Bexar County)	b	b	a	a	a	a	c
Metropolitan San Antonio Intrastate (Bexar County only)	b	b	a	a	a	a	c
Southern Louisiana-Southeast Texas Interstate (except Jefferson and Orange Counties)	b	b	b	b	a	a	c
Southern Louisiana-Southeast Texas Interstate (Jefferson and Orange Counties only)	b	b	b	b	a	a	c
El Paso-Las Cruces-Alamogordo Interstate (except El Paso County)	b	b	b	b	a	b	*May 31, 1977*
El Paso-Las Cruces-Alamogordo Interstate (El Paso County only)	[1]c	[1]d	b	b	a	[1]c	c
Shreveport-Texarkana-Tyler Interstate (except Gregg County)	b	b	a	a	a	a	a

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Shreveport-Texarkana-Tyler Interstate (Gregg County only)	b	b	a	a	a	a	c

NOTE 1: Dates or footnotes which are italicized are prescribed by the Administrator because the plan does not provide a specific date.

a. Air quality levels presently below secondary standards.
b. July 1975.
c. December 31, 1982.
d. December 31, 1987.

NOTE 2: Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.2279 (1978).

[1] Portions of the county or counties.

[45 FR 19245, Mar. 25, 1980]

§§ 52.2280—52.2281 [Reserved]

§ 52.2282 Public hearings.

(a) The requirements of § 51.4 of this chapter are not met because principal portions of the revised plan were not made available to the public for inspection and comment prior to the hearing.

[38 FR 16568, June 22, 1973]

§§ 52.2283—52.2284 [Reserved]

§ 52.2285 Control of evaporative losses from the filling of gasoline storage vessels in the Houston and San Antonio areas.

(a) Definitions:

(1) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater which is produced for use as a motor fuel and is commonly called gasoline.

(2) "Storage container" means any stationary vessel of more than 1,000 gallons (3,785 liters) nominal capacity. Stationary vessels include portable vessels placed temporarily at a location; e.g., tanks on skids.

(3) "Owner" means the owner of the gasoline storage container(s).

(4) "Operator" means the person who is directly responsible for the operation of the gasoline storage container(s), whether the person be a lessee or an agent of the owner.

(5) "Delivery Vessel" means tank trucks and tank trailers used for the delivery of gasoline.

(6) "Source" means both storage containers and delivery vessels.

(b) This section is applicable to the following counties in Texas: Harris, Galveston, Brazoria, Fort Bend, Waller, Montgomery, Liberty, Chambers, Matagorda, Bexar, Comal, and Guadalupe.

(c) No person shall transfer or permit the transfer of gasoline from any delivery vessel into any stationary storage container with a nominal capacity greater than 1,000 gallons (3,785 liters) unless such container is equipped with a submerged fill pipe and unless the displaced vapors from the storage container are processed by a system that prevents release to the atmosphere of no less than 90 percent by by weight of total hydrocarbon compounds in said vapors.

(1) The vapor recovery the system shall include one or more of the following:

(i) A vapor-tight return line from the storage container to the delivery vessel and a system that will ensure that the vapor return line is connected before gasoline can be transferred into the container.

(ii) Other equipment that prevents release to the atmosphere of no less than 90 percent by weight of the total hydrocarbon compounds in the displaced vapor provided that approval of the proposed design, installation, and operation is obtained from the Regional Administrator prior to start of construction.

(2) The vapor recovery system shall be so constructed that it will be compatible with a vapor recovery system, which may be installed later, to recover vapors displaced by the filling of motor vehicle tanks.

(3) The vapor-laden delivery vessel shall meet the following requirements:

(i) The delivery vessel must be so designed and maintained as to be vaportight at all times.

(ii) If any gasoline storage compartment of a vapor-laden delivery vessel is refilled in one of the counties listed in paragraph (b) of this section, it shall be refilled only at a facility which is equipped with a vapor recovery system, or the equivalent, which prevents release to the atmosphere of at least 90 percent by weight of the total hydrocarbon compounds in the vapor displaced from the delivery vessel during refilling.

(iii) Gasoline storage compartments of one thousand gallons or less in gasoline delivery vehicles presently in use on November 6, 1973 will not be required to be retrofitted with a vapor return system until January 1, 1977.

(iv) Facilities which have a daily throughput of 20,000 gallons of gasoline or less are required to have a vapor recovery system in operation no later than May 31, 1977. Delivery vessels and storage vessels served exclusively by facilities required to have a vapor recovery system in operation no later than May 31, 1977, also are required to meet the provisions of this section no later than May 31, 1977.

(d) The provisions of paragraph (c) of this section shall not apply to the following:

(1) Storage containers used for the storage of gasoline "used on a farm for farming purposes," as that expression is used in the Internal Revenue Code, 26 U.S.C. Section 6420.

(2) Any container having a nominal capacity less than 2,000 gallons (7,571 liters) installed prior to November 6, 1973.

(3) Transfers made to storage containers equipped with floating roofs or their equivalent.

(e) Except as provided in paragraph (f) of this section, the owner or operator of a source subject to paragraph (c) of this section shall comply with the increments contained in the following compliance schedule:

(1) Contracts for emission control systems or process modifications must be awarded or orders must be issued for the purchase of component parts to accomplish emission control or process modification not later than March 31, 1975.

(2) Initiation of onsite construction or installation of emission control equipment or process change must begin not later than July 1, 1975.

(3) On-site construction or installation of emission control equipment or process modification must be completed no later than June 30, 1976.

(4) Final compliance is to be achieved no later than August 31, 1976.

(5) Any owner or operator of sources subject to the compliance schedule in this paragraph shall certify in writing to the Regional Administrator whether or not the required increment of progress has been met. The certification shall be submitted within five days after the deadlines for each increment. The certification shall include the name(s) and street address(es) of the facility (facilities) for which the certification applies, and the date(s) the increment(s) of progress was (were) met—if met. The Regional Administrator may request whatever supporting information he considers necessary for proper certification.

(f) Paragraph (e) of this section shall not apply to the owner or operator of:

(1) A source which is presently in compliance with paragraph (c) of this section and which has certified such compliance to the Regional Administrator by January 1, 1974. The certification shall include the name(s) and street address(es) of the facility (facilities) for which the certification applies. The Regional Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator receives approval from the Administrator by June 1, 1974, of a pro-

posed alternative schedule. No such schedule may provide for compliance after August 31, 1976. If approval is promulgated by the Administrator, such schedule shall satisfy the requirements of this section for the affected source.

(g) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (e) of this section fails to satisfy the requirements of § 51.15(b) and (c) of this chapter.

(h) After August 31, 1976 paragraph (c) of this section shall be applicable to every storage container (except those exempted in paragraph (d) of this section) located in the counties specified in paragraph (b) of this section. Every storage container installed after August 31, 1976 shall comply with the requirements of paragraph (c) of this section from the time of installation. In the affected counties, storage containers which were installed, or converted to gasoline storage after November 6, 1973, but before August 31, 1976 shall comply with paragraph (c) of this section in accordance with the schedule established in paragraph (e) of this section.

[42 FR 37380, July 21, 1977]

§ 52.2286 Control of evaporative losses from the filling of gasoline storage vessels in the Dallas-Fort Worth area.

(a) Definitions:

(1) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater which is produced for use as a motor fuel and is commonly called gasoline.

(2) "Storage container" means any stationary vessel of more than 1,000 gallons (3,785 liters) nominal capacity. Stationary vessels include portable vessels placed temporarily at a location; e.g., tanks on skids.

(3) "Owner" means the owner of the gasoline storage container(s).

(4) "Operator" means the person who is directly responsible for the operation of the gasoline storage container(s), whether the person be a lessee or an agent of the owner.

(5) "Delivery Vessel" means tank truck and tank trailers used for the delivery of gasoline.

(6) "Source" means both storage containers and delivery vessels.

(b) This section is applicable to the following counties in Texas: Dallas, Tarrant, Denton, Wise, Collin, Parker, Rockwall, Kaufman, Hood, Johnson, and Ellis.

(c) No person shall transfer or permit the transfer of gasoline from any delivery vessel into any stationary storage container with a nominal capacity greater than 1,000 gallons (3,785 liters) unless such container is equipped with a submerged fill pipe and unless the displaced vapors from the storage container are processed by a system that prevents release to the atmosphere of no less than 90 percent by weight of total hydocarbon compounds in said vapors.

(1) The vapor recovery system shall include one or more of the following:

(i) A vapor-tight return line from the storage container to the delivery vessel and a system that will ensure that the vapor return line is connected before gasoline can be transferred into the container.

(ii) Other equipment that prevents release to the atmosphere of no less than 90 percent by weight of the total hydrocarbon compounds in the displaced vapor provided that approval of the proposed design, installation, and operation is obtained from the Regional Administrator prior to start of construction.

(2) The vapor recovery system shall be so constructed that it will be compatible with a vapor recovery system, which may be installed later, to recover vapors displace by the filling of motor vehicle tanks.

(3) The vapor-laden delivery vessel shall meet the following requirements:

(i) The delivery vessel must be so designed and maintained as to be vapor-tight at all times.

(ii) If any gasoline storage compartment of a vapor-laden delivery vessel is refilled in one of the counties listed in paragraph (b) of this section, it shall be refilled only at a facility which is equipped with a vapor recovery system, or the equivalent, which prevents release to the atmosphere of at least 90 percent by weight of the total hydrocarbon compounds in the vapor displaced from the delivery vessel during refilling.

(d) The provisions of paragraph (c) of this section shall not apply to the following:

(1) Storage containers used for the storage of gasoline "used on a farm for farming purposes", as that expression is used in the Internal Revenue Code, 26 U.S.C. Section 6420.

(2) Any container having a nominal capacity less than 2,000 gallons (7,571 liters) installed prior to promulgation of this section.

(3) Transfers made to storage containers equipped with floating roofs or their equivalent.

(e) Except as provided in paragraph (f) of this section, the owner or operator of a source subject to paragraph (c) of this section shall comply with the increments contained in the following compliance schedule:

(1) Contracts for emission control systems or process modifications must be awarded or orders must be issued for the purchase of component parts to accomplish emission control or process modification no later than September 30, 1977.

(2) Initiation of on-site construction or installation of emission control equipment or process modification must begin no later than January 31, 1978.

(3) On-site construction or installation of emission control equipment or process modification must be completed no later than August 31, 1978.

(4) Final compliance is to be achieved no later than September 30, 1978.

(5) Any owner or operator of sources subject to the compliance schedule in this paragraph shall certify in writing to the Regional Administrator whether or not the required increment of progress has been met. The certification shall be submitted not later than February 15, 1978, for award of contracts and initiation of construction, and not later that October 15, 1978, for completion of construction and final compliance. The certification shall include the name(s) and street address(es) of the facility (facilities) for which the certification applies, and the date(s) the increment(s) of progress was (were) met—if met. The Regional Administrator may request whatever supporting information he considers necessary for proper certification.

(f) Paragraph (e) of this section shall not apply to the owner or operator of:

(1) A source which is presently in compliance with paragraph (c) of this section and which has certified such compliance to the Regional Administrator by August 1, 1977. The certification shall include the name(s) and street address(es) of the facility (facilities) for which the certification applies. The Regional Administrator may request whatever supporting information he considers necessary for proper certification.

(2) A source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator receives approval from the Administrator by August 1, 1977, of a proposed alternative schedule. No such schedule may provide for compliance after September 30, 1978. If approval is promulgated by the Administrator, such schedule shall satisfy the requirements of this section for the affected source.

(g) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (e) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(h) After September 30, 1978, paragraph (c) of this section shall be applicable to every storage container (except those exempted in paragraph (d) of this section) located in the counties specified in paragraph (b). Every storage container installed after September 30, 1978 shall comply with the requirements of paragraph (c) of this section from the time of installation. In the affected counties, storage containers which were installed, or coverted to gasoline storage after promulgation of this section, but before September 30, 1978 shall comply with paragraph (c) of this section in accordance with the schedule established in paragraph (e).

[42 FR 37381, July 21, 1977]

§§ 52.2287—52.2293 [Reserved]

§ 52.2294 Incentive program to reduce vehicle emissions through increased bus and carpool use.

(a) Definitions:

(1) "Bus/carpool lane" means a lane on a street or highway open only to buses (or buses and carpools), whether constructed specially for that purpose or converted from existing lanes.

(2) "Central business district" is defined for each of the major cities in the affected areas as follows:

(i) For the City of Houston, in Harris Countrv, that area bounded on the northwest by Interstate 45, on the southwest by Interstate 45, on the northeast by Franklin Street, and on the southeast by Crawford Street.

(ii) For the City of Dallas, in Dallas County, that area bounded on the west by Interstate 35, on the south by Interstate 20, on the east by Central Expressway (U.S. 75) and on the north by Woodall Rogers Freeway right of way.

(iii) For the City of Fort Worth, in Tarrant County, that area bounded on the west by Henderson Street, on the south by Interstate 20, on the east by Interstate 35 West, and one the north by Belknap Street.

(iv) For the City of San Antonio, in Bexar County, that area bounded on the west and northwest by U.S. 81, on the south and southeast by Alamo Street from U.S. 81 to Victoria Street, and by Victoria Street to the Southern and Pacific Railroad tracks, on the east by the Southern and Pacific Railroad tracks, and on the northeast by Jones Avenue to U.S. 81.

(b) On or before September 1, 1979, the State of Texas or a State designated local or regional transportation agency shall perform and complete feasibility studies, with recommendations, on incentive measures to reduce emissions by vehicles through increased bus and carpool use (or other appropriate measures) in the Harris, Dallas, Tarrant, and Bexar County area in Texas. The feasibility studies and plan implementation shall be based initially on three or more passenger carpools, with modification allowed under paragraph (e) of this section. Factors which should be considered in connection with the feasibility of such mechanisms should include, but are not limited to, the physical characteristics of the roads, predicted bus volumes, before/after person capacity with and without the measure, cumulative net time savings cost, the usefulness of mechanisms in reducing commuter vehicle miles traveled, and other costs and benefits to users and non-users. The feasibility studies shall also include a discussion of the measures considered and how the measures were organized into a comprehensive plan. The criteria used for the selection or rejection of individual measures and plans should be explicitly stated. The measures and plans should also be ranked and categorized according to the following scheme: Most feasible: Ready for implementation in 1-3 years; feasible: Appears to be feasible but requires further study; not feasible: Permanently rejected.

Such measures shall include, but are not limited to:

(1) Alternative mechanisms for bus/carpool preferential treatment.

(i) Such mechanizms shall include, but are not limited to:

(A) Exclusive bus/carpool lanes, either with-flow or contraflow lanes;

(B) Preferential use by buses and carpools of freeway on and off ramps in the affected counties; and

(C) Signal preemption by buses.

(ii) Such mechanizms should be considered for use in the central business districts of the major cities in the affected counties and in the following traffic corridors and/or other routes as the study may determine to be feasible:

(A) Harris County.

(*1*) North and South corridor: Interstate 45 from Little York Road to Houston central business district to Almeda Genoa Road.

(*2*) North corridor: U.S. 59 from Little York Road to Interstate 10.

(*3*) West corridor: Interstate 10 from Gessner Road to Interstate 45.

(*4*) Southwest corridor: U.S. 59 from Fondren Road to Interstate 45.

(*5*) East corridor: Interstate 10 from East Loop 610 to Houston central business district.

(*6*) Circumferential corridor: Interstate 610.

(B) Dallas County.

(*1*) North and South corridors: U.S. 75 from Loop 635 North to Dallas central business district to South Loop 635.

(*2*) Northwest and South corridors: Interstate 35E from North Loop 635 to Commerce Street to South Loop 635.

(*3*) Southeast corridor: U.S. 175 from East Loop 635 to Dallas central business district.

(*4*) South corridor: Interstate 45 from South Loop 635 to Dallas central business district.

(*5*) East corridor: Interstate 20 from East Loop 635 to Dallas central business district.

(*6*) Northeast corridor: Interstate 30 from East Loop 635 to Interstate 20.

(*7*) northwest corridor: Harry Hines Boulevard from North Loop 635 to Dallas central business district.

(*8*) West corridor: U.S. 80 from West Loop 12 to Dallas central business district.

(*9*) South corridor: U.S. 67 from Interstate 20 to Dallas central business district.

(*10*) Circumferential corridor: Interstate 635.

(C) Tarrant County.

(*1*) North corridor: Interstate 35W from Loop 820 North to Fort Worth central business district.

(*2*) Northeast corridor: State highway 121 from Loop 820 East to Fort Worth central business district.

(*3*) East corridor: U.S. 80 from East Loop 820 to Fort Worth central business district.

(*4*) Southeast corridor: U.S. 287 from Loop 820 East to Fort Worth central business district.

(*5*) South corridor: Interstate 35W from South Loop 820 to Fort Worth central business district.

(*6*) West corridor: interstate 20 from U.S. 377 to Fort Worth central business district.

(*7*) West corridor: Camp Bowie Boulevard from U.S. 377 to West 7th Street and West 7th Street to Fort Worth central business district.

(*8*) Northwest corridor: U.S. 199 from Lake Worth Village to Fort Worth central business district.

(*9*) Circumferential corridor: Interstate 820.

(D) Bexar County.

(*1*) North corridor: U.S. 281 from Loop 410 North to U.S. 81.

(*2*) Northeast corridor: U.S. 81 B. R. from Loop 410 North to U.S. 81.

(*3*) East corridor: Interstate 35 (U.S. 81) from Loop 410 East to San Antonio central business district.

(*4*) Southeast corridor: Interstate 37 from Loop 410 South to Interstate 35 (U.S. 81).

(*5*) Southwest corridor: Interstate 35 from Loop 410 South to Interstate 35 North (U.S. 81).

(*6*) Northwest corridor: Interstate 10 (U.S. 87 North) from Loop 410 North to San Antonio central business district.

(*7*) West corridor: U.S. 90 from Loop 410 West to Interstate 35.

(*8*) Circumferential corridor: Interstate 410.

(2) Toll restructuring on the two Texas Turnpike Authority roads (Dallas North Tollway and Dallas-Fort Worth Turnpike) so as to provide incentives for bus and carpool use, such as (but not limited to):

(i) Preferential lanes at toll gates and/or lower tolls for buses and carpools;

(ii) Raising tolls during commuting hours so as to collect all revenues during those hours and allowing free usage at other times.

(3) Other incentives for reduced vehicle use, such as (but not limited to):

(i) Transit system improvements including implementation or expansion of park and ride facilities.

(ii) Restriction or elimination of on street parking in the central business districts of the major cities.

(iii) Vehicle free or bus only zones.

(iv) Improved facilities for bicycle use including bikeways and storage facilities.

(c) On or before December 31, 1977, the State of Texas or a State designated local or regional transportation agency shall submit to the Regional Administrator a scope of work for each study specified in paragraph (b) of this section. The State or designated agency shall also submit on this date a schedule describing the timing and contributions of agency participants. On or before June 1, 1978, the State shall submit to the Regional Administrator a summary of progress to date and any necessary modification to the schedule of timing and contributions of agency participants. In addition to the complete feasibility studies which are to be submitted on or before September 1, 1979, a timetable showing the schedule of further detailed engineering studies and tentative implementation dates shall be prepared and submitted by the State and participating local and regional agencies for all those measures determined to be feasible or most feasible. To the fullest extent possible this timetable should coincide with, and the studies result from, the ongoing planning and programming activities required by the U.S. Department of Transportation in 40 FR 42976, published September 17, 1975.

(d) The State of Texas shall structure the studies so as to ensure the effective participation of all affected State, regional, and local agencies whose area of jurisdiction would be affected by any matter to be studied. To the maximum extent possible, the studies should make use of the urban transportation plan for each region.

(e) The Regional Administrator may approve a carpool scheme for a specific traffic corridor based on less than three passengers per vehicle after a valid trial period and evaluation. Approval will be based on submission by the state of traffic and resulting hydrocarbon emission data for an implemented three or more passenger carpool on the corridor and a justification for change based on air quality impact.

[42 FR 37383, July 21, 1977]

§ 52.2295 [Reserved]

§ 52.2296 Carpool matching and promotion system.

(a) Definitions:

(1) "Carpool" means two or more persons utilizing the same vehicle.

(2) "Major Employment facility" means any single employer location having 250 or more employees.

(3) "Commuter" means an employee who travels regularly to a place of employment.

(4) "Time-origin-destination (TOD) information" means specifications of a driver or rider's work schedule, home and work locations.

(b) This section is applicable to the following cities in the State of Texas: Houston, Dallas, Fort Worth and San Antonio.

(c) Each applicable city shall develop and implement a carpool matching and promotion system designed to encourage commuters of each respective city, on a voluntary basis, to utilize carpools by facilitating their making contact with other commuters having similar travel patterns to the same or neighboring work locations. The system shall be fully implemented by December 1, 1977. As a minimum, the system shall include the following:

(1) A method of collecting information which will include the following as a minimum:

(i) Provisions on each application for the commuter to specify TOD information and the applicant's desire to drive only, ride only, or share driving.

(ii) Provisions for making applications, with instruction, readily available to all commuting employees in each city.

(iii) Preparation and distribution to the major employment facilities in each city of information describing how the carpool matching system work and providing directions for the proper preparation of employee applications.

(2) A computerized method that will locate each applicant's origin in the urban area and destination within the city and match applicants with compatible TOD information. The results of the matching process will then be made available to applicants either through the employer or directly through the city.

(3) A method for providing continuing service so that a current list of all applicants is available for use by new applicants. The system will be periodically updated (every 6 months as a minimum) to correct TOD information and remove applicants no longer available for carpooling.

(d) A timetable for full implementation of the system required in paragraph (c) of this section shall be submitted to the Regional Administrator by September 1, 1977.

(e) Each city shall periodically submit to the Regional Administrator a report on the progress of the carpool matching program which includes the number of applicants in the system, the estimated effectiveness of the system in promoting carpools, changes in the system since the last report, number of updates to the system, and a summary of efforts to promote carpooling and use of the matching system. The first report shall be due on December 1, 1977 and every year thereafter on December 1.

(f) Paragraphs (c) and (d) of this section shall not apply to a city which is presently in compliance by having already implemented an equivalent carpool matching system and which has certified compliance to the Regional Administrator by September 1, 1977. The Regional Administrator may request whatever supporting information he considers necessary for proper certification.

[42 FR 37384, July 21, 1977]

§ 52.2297 Employer mass transit and carpool incentive program.

(a) *Definitions:*

(1) "Employee" means any person who performs work for an employer thirty-five or more hours per week and for more than twenty weeks per year for compensation and who travels to and from work by any mode of travel.

(2) "Student" means any full-time day student who does not live at the educational facility and who travels to and from classes by any mode of travel.

(3) "Commuter" means an employee or a student who travels regularly to and from a facility.

(4) "Employment Facility" means any single location of a business nature with 250 or more employees working, at minimum, the same six core hours.

(5) "Educational Facility" means any single location of an educational nature of college level or of vocational training above the secondary level with 1,000 or more commuters.

(6) "Facility" means both an employment facility and an educational facility.

(7) "Employer" means any person or entity controlling an employment facility.

(8) "Educational institution" means any person or entity controlling an education facility.

(9) "Carpool" means a private motor vehicle occupied by two or more persons traveling together.

(10) "Single-passenger commuter vehicle" means a private motor vehicle with four or more wheels with capacity for a driver plus one or more passengers which is used by a commuter traveling alone to work or classes, and is not customarily required to be used in the course of his employment or studies.

(11) "Base date" means the date which is used as a reference for determination of compliance with this regulation. The base date for all facilities shall be November 1, 1977, with the exception listed in paragraph (h) of this section.

(12) "Base date period" means the thirty day period immediately preceding the base date; "compliance date period" means the thirty day period immediately preceding the compliance date. In situations where the averaging periods are not appropriate, approval of an alternate period may be requested from the Regional Administrator.

(b) *Applicability.* This regulation shall be applicable to each facility located in the following counties of the State of Texas: Collin, Dallas, Denton, Ellis, Hood, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties in the Metropolitan Dallas-Fort Worth Intrastate Air Quality Control Region; Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, and Waller Counties in the Metropolitan Houston-Galveston Intrastate Air Quality Control Region; Bexar, Comal, and Guadalupe Counties in the Metropolitan San Antonio Intrastate Air Quality Control Region.

(c) Each affected employer and educational institution shall develop and implement, and continuously maintain, an incentive program for each facility designed to encourage and increase use of mass transit and carpools by employees and students in their regular commuting to and from the facility. The following mandatory measures must be incorporated as a minimum into the incentive program for each facility:

(1) Posting in a conspicuous place or places of the schedules, rates and routes of mass transit service to the facility;

(2) Publicizing any applicable on-street parking restrictions including penalties for violations, which affect any areas adjacent to the facility being used for parking by commuters to the facility;

(3) Negotiations with authorities in charge of mass transit serving the facility for improved service to the facility;

(4) Incentives for bicycle commuting such as secure locking facilities and removal of restrictive rules against bicycle usage at the facility;

(5) Conducting or participating in a carpooling program (either alone, in cooperation with neighboring facilities, or as part of a city-wide system) which:

(i) Matches on a regularly recurring basis (not less often then once every six months) the names, addresses, and work telephone numbers of all commuters who commute in single-passenger commuter vehicles to a facility or group of neighboring facilities so that such commuters with similar daily travel patterns are informed and aware of each other for the purpose of forming carpools, provided that commuters who state in writing that they do not wish to be matched on grounds of personal privacy may be omitted from the matching process;

(ii) Continuously publicizes the advantages of carpooling, both in terms of savings of fuel and money and any incentives in effect at the facility; and

(iii) Creates incentives for carpool formation by measures such as providing persons who carpool with first call on available parking spaces, spaces which are closest to entrances to the facility, or spaces which provide for most expedient exit at the end of the day.

(6) Publicizing the availability and locations, and encouraging the use, of park-and-ride facilities which could be used by employees and students.

(7) For a facility which has commuters who park on streets within one-half mile of the facility, negotiating with local municipal authorities for the curtailment of available on-street commuter parking.

(8) In the case of an affected employment facility with 1,000 or more employees, the employer shall include in the initial report required in paragraph (d) of this section an evaluation of the feasibility of establishing a vanpool program for the facility. The report shall include: Expected employee participation, any special problems in implementing such a program, progress or plans for implementing such a program, and identification of feasible alternative measures if a vanpool program is not considered feasible. The vanpool program would normally consist of the following elements:

(i) The employer would post in a conspicuous place and regularly notify all employees of a continuously outstanding offer to acquire a van or vans (by purchase, lease, or otherwise), to obtain insurance, and to make available to any group of at least eight employees a van for their use in a vanpool. Such offer would include:

(A) The procedures by which a group could accept the offer, including the designation of a driver.

(B) The conditions upon which the offer would be contingent, including acceptance by the prospective driver of the responsibility for providing regular service, training back-up drivers, and arranging vehicle maintenance, and acceptance by each other member of the prospective group of responsibility for payment of a pro rata share of all direct costs (such as rental charge, licensing costs, insurance, tolls, fuel and repair) and indirect costs (such as depreciation and interest on borrowed funds) of the operation and maintenance of the vehicle;

(ii) The employer would analyze and continuously publicize the advantage of vanpooling, including any resulting cost savings, convenience and any incentives in effect at the facility. Such incentives could include providing persons who vanpool with priority treatment on available parking spaces or spaces which are closest to entrances to or exits from the facility;

(iii) Matching for the vanpool program would be coordinated with the carpool matching program, to facilitate the formation of vanpools.

(d) Each employer and educational institution shall submit to the Regional Administrator, by the initial reporting date specified in paragraph (f) of this section, a report on the program and its effectiveness signed by an authorized official of the facility. The report shall contain as a minimum the following information:

(1) A description of the actions taken to comply with paragraphs (c)(1) through (c)(8) of this section and any other existing or planned incentive measures for the facility.

(2) The numbers of commuters regularly arriving at and leaving the facility for the base date period and the compliance date period by each of the following modes of transportation:

(i) Single passenger commuter vehicle.

(ii) Carpools.

(iii) Van-type vehicles with 8 or more commuters.

(iv) Mass transit.

(v) Bicycles.

(vi) All other.

(3) A description of the method for determining the information in paragraph (d)(2) of this section.

(e) [Reserved]

(f) The compliance date for the full implementation of paragraph (c) of this section and initial reporting date for each facility shall be in accord with the type and size of the facility as shown in the following table:

Facility type	Size	Compliance date	Initial reporting date
Employment facility	1,000 or more employees	Oct. 1, 1978	Nov. 1, 1978.
Do	500 to 999 employees	Nov. 1, 1978	Dec. 1, 1978.
Do	250 to 499 employees	Dec. 1, 1978	Jan. 1, 1979.
Do	5,000 or more commuters	Oct. 1, 1978	Nov. 1, 1978.
Do	1,000 to 4,999 commuters	Nov. 1, 1978	Dec. 1, 1978.

(g) Each educational institution or employer submitting reports required by this section shall retain for at least three years all supporting documents and data upon which such report was based.

(h) For a facility established after the effective date of this section, the base date shall be the date on which regular operations were commenced. The compliance date and initial reporting date shall be six months and seven months, respectively, after the date on which regular operations commenced.

(Secs. 110, 301, Clean Air Act (42 U.S.C. 7410, 7601))

[42 FR 37384, July 21, 1977, as amended at 44 FR 35224, June 19, 1979]

§ 52.2298 Monitoring transportation mode trends.

(a) The State of Texas or a designated agency approved by the Regional Administrator shall monitor the changes in vehicle miles traveled (VMT) and average vehicle speeds as a result of the measures required under §§ 52.2294, 52.2296, and 52.2297.

(b) No later than May 31, 1978, the State of Texas shall submit to the Administrator a detailed program demonstrating compliance with paragraph (a) of this section in accordance with § 51.19(d) of this chapter. The program description shall include the following:

(1) The agency or agencies responsible for conducting, overseeing and maintaining the monitoring program.

(2) The administrative process to be used.

(3) A description of the methods to be used to collect the emission reduction, VMT reduction, and vehicle speed data including a description of any modeling techniques to be employed.

(c) All data obtained by the monitoring program shall be included in the quarterly report submitted to the Regional Administrator by the State, as required at § 58.35 of this chapter, and in the format prescribed in Appendix M, Part 51 of this chapter. The first quarterly report shall cover the period January 1-March 31, 1979.

(Secs. 110, 301(a), 313, 319, Clean Air Act (42 U.S.C. 7410, 7601(a), 7613, 7619))

[42 FR 37386, July 21, 1977, as amended at 44 FR 27571, May 10, 1979]

§ 52.2299 Review of new sources and modifications.

(a) Part D Conditional Approval. Regulation VI is conditionally approved until the following condition is satisfied:

(1) Revise the definitions of "major source" and "major modification" to be equivalent to EPA's definitions by May 7, 1981.

(Sec. 110 of the Clean Air Act, as amended)

[46 FR 35643, July 10, 1981]

§§ 52.2300—52.2301 [Reserved]

§ 52.2302 Maintenance of national standards.

(a) The areas listed below are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857(h)(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Beaumont Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

Hardin County, Jefferson County, Orange County.

(2) Corpus Christi Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Nueces County, San Patricio County.

(3) Dallas-Fort Worth Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

Collin County, Dallas County, Denton County, Ellis County, Hood County, Johnson County, Kaufman County, Parker County, Rockwall County, Tarrant County, Wise County.

(4) Galveston Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter, photochemical oxidants, and sulfur dioxide.

(ii) Geographical composition of area:

Galveston County.

(5) Houston Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

Brazoria County, Fort Bend County, Harris County, Liberty County, Montgomery County, Waller County.

(6) San Antonio Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Photochemical oxidants.

(ii) Geographical composition of area:

Bexar County, Comal County, Guadalupe County.

(7) El Paso Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Photochemical oxidants.

(ii) Geographical composition of area:

El Paso County.

[40 FR 18736, Apr. 29, 1975]

§ 52.2303 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Texas.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart TT—Utah

§ 52.2320 Identification of plan.

(a) Title of plan: "Utah Implementation Plan."

(b) The plan was officially submitted on January 25, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Clarifications of the plan relating to particulate regulations, CO and NO_2 control strategies, new source review, emergency episodes, availability of emission data, and source surveillance submitted May 18, 1972, by State Division of Health.

(2) Revision of State new source review regulation, Section 1.3.3 of the Utah Code of Air Conservation Regulations, submitted on September 13, 1972, by the Governor.

(3) Transportation control plan submitted April 13, 1973, by the Governor.

(4) Reenacted legislation providing for public availability of emission data submitted on June 13, 1974, by the State Division of Health.

(5) The Revised Utah Air Conservation Regulations on July 10, 1975, by the Governor.

(6) Provisions to meet the requirements of Part D and other Sections of the Clean Air Act, as amended in 1977, were submitted on December 28, 1978, by the Governor.

(7) On November 5, 1979, the Governor submitted a plan revision to meet the requirements of Air Quality Monitoring, 40 CFR Part 58, Subpart C, § 58.20.

(8) Provisions to meet the transportation control requirements of Part D and other Sections of the Clean Air Act, as amended in 1977, were submitted on November 5, 1979, and August 11, 1980, by the Governor.

(9) Provisions to meet the requirements of Part D for particulates and to attain the national standard for lead were submitted on March 11, 1980, July 25, 1980, November 13, 1980, December 26, 1980, and April 8, 1981.

(10) Provisions to meet the requirements of Part C of the Clean Air Act, as amended in 1977, were submitted on August 17, 1981.

(11) [Reserved]

(12) Provisions to meet the requirements of Part D of the Clean Air Act, as amended in 1977, for particulates and volatile organic compounds, were submitted on April 8, 1981.

(13) Provisions to meet the requirements of Part D of the Clean Air Act, as amended in 1977, for particulates were submitted on March 1, 1982.

(Secs. 110, 111 and 172 of the Clean Air Act, as amended (42 U.S.C. 7410 and 7572))

[37 FR 10898, May 31, 1972, as amended at 41 FR 8967, Mar. 2, 1976; 42 FR 21472, Apr. 27, 1977; 45 FR 10765, Feb. 19, 1980; 45 FR 59581, Sept. 10, 1980; 46 FR 25092, May 5, 1981; 46 FR 61851, Dec. 21, 1981; 47 FR 6428, Feb. 12, 1982; 47 FR 23448, May 28, 1982; 47 FR 25336, June 11, 1982]

EFFECTIVE DATE NOTE: At 47 FR 25336, June 11, 1982, paragraph (c)(13) was added to § 52.2320, effective August 10, 1982.

§ 52.2321 Classification of regions.

The Utah plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Wasatch Front Intrastate	I	I	I	I	I
Four Corners Interstate	IA	IA	III	III	III
Utah Intrastate	III	III	III	III	III

[37 FR 10898, May 31, 1972, as amended at 39 FR 16347, May 8, 1974]

§ 52.2322 Extensions.

(a) Utah's request for a 2-year extension for attainment of the national standard for carbon monoxide in the Wasatch Front intrastate region cannot be granted since it does not contain adequate information showing why the inspection program cannot be in operation in time to attain the standard by 1975; because the State has not considered and applied reasonably available alternative means of attaining the standard, including measures to reduce vehicle miles traveled, and because a phased implementation of the inspection program consisting of interim steps has not been discussed or proposed.

(b) The Administrator hereby extends for 2 years the attainment date for the primary standards for sulfur oxides in the Wasatch Front Intrastate Region.

(c) The Administrator hereby extends for 18 months the statutory timetable for submission of the plan for the attainment and maintenance of the secondary standards for sulfur oxides in the Wasatch Front Intrastate Region.

(d) The Administrator hereby extends to March 15, 1976, the attainment date for the primary standards for sulfur oxides in the Utah portion of the Four Corners Interstate Region.

(e) The Administrator hereby extends to August 1, 1976, the date for attainment of the national standards for carbon monoxide in the Wasatch Front Intrastate Region.

(f) The Administrator hereby extends for 2 years the attainment date for the primary standards for particulate matter in the Wasatch Front Intrastate Region.

(g) Utah's request for an 18-month extension to submit a plan for attainment of the secondary national standard for particulate matter in all nonattainment areas (Davis, Salt Lake, Utah and Weber Counties) cannot be granted because the State has not demonstrated that control measures in addition to reasonably available control technology are needed to attain the secondary standards.

(h) The Administrator hereby extends to December 31, 1983, the attainment date for the national standards for carbon monoxide in Salt Lake City and Ogden.

(i) The Administrator hereby extends to December 31, 1985, the attainment date for the national standard for ozone in Salt Lake County and Davis County.

(Secs. 110, and 172 of the Clean Air Act as amended (42 U.S.C. 7410 and 7572))

[37 FR 15089, July 27, 1972]

Editorial Note: For Federal Register citations to § 52.2322, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.2323 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Utah's plan as meeting the requirements of section 110 of the Clean Air Act as amended in 1977. Furthermore, the Administrator finds that the plan satisfies all requirements of Part D, Title 1, of the Clean Air Act as amended in 1977, except as noted below.

[45 FR 10765, Feb. 19, 1980]

§ 52.2324 Control strategy: Particulate matter.

(a) *Part D Disapproval:* The requirements of section 172(b) of the Act are not met since the plan does not provide for implementation of all reasonable available control measures necessary to attain national standards in Salt Lake County.

(Sec. 110 of the Clen Air Act (42 U.S.C. 7410))

[46 FR 61851, Dec. 1, 1981]

§ 52.2325 Control strategy: Sulfur oxides.

(a) *Part D Disapproval.* The requirements of Sections 172(b)(2), 172(b)(3) and 172(b)(8) are not met since the plan does not provide adequate regulations and compliance schedules to assure the attainment and maintenance of the national standards for sulfur oxides in Salt Lake and Tooele Counties. Furthermore, section 4.3 of the Utah Air Conservations Regulations is disapproved because it does not provide for attainment of the NAAQS for SO_2, is unenforceable, and allows the utilization of a supplementary control system without requiring the application of reasonably available control technology.

(b) The requirements of § 51.13 of this chapter are not met since the plan does not contain an adequate control strategy to provide for the maintenance of the national standards for sulfur oxides in the Utah portion of the Four Corners Interstate Region.

(c) *Regulation for control of fugitive sulfur oxides emissions (Wasatch Front Intrastate Region).* (1) The owner or operator of the Kennecott Copper Corporation smelter located in Salt Lake County, Utah, in the Wasatch Front Intrastate Region shall utilize best engineering techniques for reducing escape of pollutants to the atmosphere and to capture sulfur oxides emissions and vent them through a stack or stacks. Such techniques shall include, but not be limited to:

(i) Installing and operating primary hoods on each active reactor,

(ii) Installing and operating primary and secondary hoods on each active converter,

(iii) Maintaining all ducts, flues, and stacks in a leakfree condition,

(iv) Maintaining all reactors and converters under normal operating conditions in such a fashion that out leakage of gases to the air will be prevented to the maximum extent possible,

(v) Wherever possible, ducting emissions through the tallest stack or stacks serving the facility, and

(vi) Wherever possible, passing the effluent from all hooding through the tallest stack or stacks serving the facility.

(2) (i) The owner or operator of the smelter subject to this paragraph shall comply with the compliance schedule specified below:

(*a*) *December 15, 1975.* Submit a final plan to the Administrator for meeting the requirements of paragraph (c)(1) of this section. Such plans shall be subject to approval by the Administrator.

(*b*) *January 31, 1976.* Let contracts or issue purchase orders for emission capture systems.

(*c*) *April 1, 1976.* Institute on-site construction and/or installation of emission capture equipment.

(*d*) *May 31, 1977.* Complete on-site construction and/or installation of emission capture system.

(*e*) *July 31, 1977.* Achieve final compliance with the requirements of paragraph (c)(1) of this section.

(ii) Any owner or operator of the smelter subject to this paragraph may submit to the Administrator, no later than thirty (30) days after the effective date of this paragraph, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after July 31, 1977. If approved by the Administrator, such schedule shall satisfy the compliance schedule requirements of this paragraph for the affected source.

(iii) The owner or operator of the smelter subject to the requirements of this paragraph shall certify to the Administrator within five days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(d) *Regulation for control of sulfur oxides emissions (Wasatch Front Intrastate Region).* (1) The owner or operator of the Kennecott Copper Corporation smelter located in Salt Lake County, Utah, in the Wasatch Front Intrastate Region shall not discharge or cause the discharge of sulfur dioxide into the atmosphere in excess of

6030 pounds per hour (2710 kg/hr) as determined by the method specified in paragraph (d)(4) of this section. Such limitation shall apply to the sum total of sulfur dioxide emissions from the smelter premises, but not including uncaptured fugitive emissions and those emissions due solely to the use of fuel for space heating or steam generation.

(2) (i) The owner or operator of the smelter subject to this paragraph shall comply with the compliance schedule specified below:

(*a*) *December 15, 1975.* Submit a final plan to the Administrator for meeting the requirement of paragraph (d)(1) of this section. Such plan shall be subject to approval by the Administrator.

(*b*) *January 31, 1976.* Let contracts or issue purchase orders for emission control systems and process modifications.

(*c*) *April 1, 1976.* Initiate on-site construction and/or installation of emission control equipment and process change.

(*d*) *May 31, 1977.* Complete on-site construction and/or installation of emission control system and process change.

(*e*) *July 31, 1977.* Achieve final compliance with the requirements of paragraph (d)(1) of this section.

(ii) The owner or operator of the smelter subject to the requirements of this paragraph shall certify to the Administrator within five days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(iii) Notice must be given to the Administrator at least 30 days prior to conducting a performance test to afford him the opportunity to have an observer present.

(iv) The owner or operator of the smelter subject to this paragraph may submit to the Administrator, no later than thirty (30) days after the effective date of this paragraph, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the date for attainment of national standards in the applicable implementation plan. If approved by the Administrator, such schedule shall satisfy the compliance schedule requirements of this paragraph for the affected source.

(3) (i) The owner or operator of the smelter to which this paragraph is applicable shall install, calibrate, maintain, and operate a measurement system(s) for continuously monitoring sulfur dioxide emissions and stack gas volumetric flow rates in each stack which emits 5 percent or more of the total potential (without emission controls) hourly sulfur oxides emissions from the source. For the purpose of this paragraph, "continuous monitoring" means the taking and recording of at least one measurement of sulfur dioxide concentration and stack gas flow rate reading from the effluent of each affected stack, in each 15-minute period.

(ii) No later than May 31, 1977 and at such other times in the future as the Administrator may specify the sulfur dioxide concentration measurement system(s) installed and used pursuant to this paragraph shall be demonstrated to meet the measurement system performance specifications prescribed in Appendix D to this part.

(iii) No later than May 31, 1977 and at such other times in the future as the Administrator may specify the stack gas volumetric flow rate measurement system(s) installed and used pursuant to this paragraph shall be demonstrated to meet the measurement system performance specifications prescribed in Appendix E to this part.

(iv) The Administrator shall be notified at least 30 days in advance of the start of the field test period required in Appendices D and E to this part to afford the Administrator the opportunity to have an observer present.

(v) The sampling point for monitoring emissions shall be in the duct at the centroid of the cross section if the cross sectional area is less than 4.647 m^2 (50 ft^2) or at a point no closer to the wall than 0.914 m (3 ft) if the cross sectional area is 4.647 m^2 (50 ft^2) or more. The monitor sample point shall be in an area of small spatial concentration gradient and shall be representative of the average concentration of the duct.

(vi) The measurement system(s) installed and used pursuant to this section shall be subjected to the manufacturer's recommended zero adjustment and calibration procedures at least once per 24-hour operating period unless the manufacturer(s) specifies or recommends calibration at shorter intervals, in which case such specifications or recommendations shall be followed. Records of these procedures shall be made which clearly show instrument readings before and after zero adjustment and calibration.

(vii) Six-hour average sulfur dioxide emission rates shall be calculated in accordance with paragraph (d)(4) of this section, and recorded daily.

(viii) The owner or operator of the smelter subject to this paragraph shall maintain a record of all measurements required by this paragraph. Measurement results shall be expressed as pounds of sulfur dioxide emitted per six-hour period. A six-hour average value calculated pursuant to paragraph (d)(4)(i) of this section shall be reported as of each hour for the preceding six-hour period. Results shall be summarized monthly and shall be submitted to the Administrator within 15 days after the end of each month. A record of such measurements shall be retained for at least two years following the date of such measurements.

(ix) The continuous monitoring and recordkeeping requirements of this subparagraph shall become applicable on July 31, 1977.

(4) (i) Compliance with the requirements of paragraph (d)(1) of this section shall be determined using the continuous measurement system(s) installed, calibrated, maintained and operated in accordance with the requirements of paragraph (d)(3) of this section. For all stacks equipped with the measurement system(s) required by paragraph (d)(3) of this section, a six-hour average sulfur dioxide emission rate shall be calculated as of the end of each clock hour, for the preceding six hours in the following manner:

(*a*) Divide each 6-hour period into 24 15-minute segments.

(*b*) Determine on a compatible basis a sulfur dioxide concentration and stack gas flow rate measurement for each 15-minute period for each affected stack. These measurements may be obtained either by continuous integration of sulfur dioxide concentrations and stack gas flow rate measurements (from the respective affected facilities) recorded during the 15-minute period or from the arithmetic average of any number of sulfur dioxide concentration and stack gas flow readings equally spaced over the 15-minute period. In the latter case, the same number of concentration readings shall be taken in each 15-minute period and shall be similarly spaced within each 15-minute period.

(*c*) Calculate the arithmetic average (lbs SO_2/hr) from all 24 emission rate measurements in each 6-hour period for each stack.

(*d*) Total the average sulfur dioxide emission rates for all affected stacks.

(ii) Notwithstanding the requirements of paragraph (d)(4)(i) of this section, compliance with the requirements of paragraph (d)(1) of this section shall also be determined by using the methods described below at such times as may be specified by the Administrator. For all stacks equipped with the measurement system(s) required by paragraph (d)(3) of this section, a 6-hour average sulfur dioxide emission rate (lbs SO_2/hr) shall be determined as follows:

(*a*) The test of each stack emission rate shall be conducted while the processing units vented through such stack are operating at or above the maximum rate at which they will be operated and under such other relevant conditions as the Administrator shall specify.

(*b*) Concentrations of sulfur dioxide in emissions shall be determined by using Method 8 as described in Part 60 of this chapter. The analytical and computational portions of Method 8 as they relate to determination of sulfuric acid mist and sulfur trioxide as well as isokinetic sampling may be omitted from the overall test procedure.

(*c*) Three independent sets of measurements of sulfur dioxide concentrations and stack gas volumetric flow rates shall be conducted during three 6-hour periods for each stack. Each 6-hour period will consist of three consecutive 2-hour tests. Measurements need not necessarily be conducted simultaneously of emissions from all stacks on the smelter premises. All tests must be completed within a 72-hour period.

(*d*) In using Method 8, traversing shall be conducted according to Method 1 as described in Part 60 of this chapter. The minimum sampling volume for each 2-hour test shall be 40 ft^3 corrected to standard conditions, dry basis.

(*e*) The volumetric flow rate of the total effluent from each stack evaluated shall be determined by using Method 2 as described in Part 60 of this chapter and traversing according to Method 1. Gas analysis shall be performed by using the integrated sample technique of Method 3 as described in Part 60 of this chapter. Moisture content shall be determined by use of Method 4 as described in Part 60 of this chapter.

(*f*) The gas sample shall be extracted at a rate proportional to gas velocity at the sampling point.

(*g*) For each 2-hour test, the sulfur dioxide emission rate for each stack shall be determined by multiplying the stack gas volumetric flow rate (ft^3/hr at standard conditions, dry basis) by the sulfur dioxide concentration (lb/ft^3 at standard conditions, dry basis). The emission rate in lbs/hr for each stack is determined by calculating the arithmetic average of three independent 6-hour periods, each consisting of three 2-hour tests.

(*h*) The sum total of sulfur dioxide emissions from the smelter premises in lbs/hr is determined by adding together the emission rates (lbs/hr) from all stacks equipped with the measurement systems required by paragraph (3) of this paragraph (d).

(iii) A violation of the requirements of paragraph (d)(1) of this section shall occur whenever the total sulfur dioxide emission rate determined according to paragraph (d)(4) (i) or (ii) of this section exceeds the sulfur dioxide emission rate specified in paragraph (d)(1) of this section.

(e) *Compliance with emission standards; Reporting excess emissions during periods of start-up, shutdown, and malfunction: Kennecott smelter complex.* (1) The provisions of this paragraph are applicable to the Kennecott Copper Corporation located in Salt Lake County, Utah, in the Wasatch Front Intrastate Air Quality Control Region.

(2) All terms used in this paragraph but not specifically defined below shall have the meaning given them in the Clean Air Act or Parts 51, 52, or 60 of this chapter.

(i) The term "excess emissions" means an emission rate which exceeds any applicable emission limitation prescribed by paragraph (d) of this section. The averaging time and test procedures for determining such excess emissions shall be as specified as part of the applicable emission limitation.

(ii) The term "malfunction" means any sudden and unavoidable failure of air pollution control equipment or process equipment or a process to operate in a normal and usual manner. Failures that are caused entirely or in part by poor maintenance, careless operation, or any other preventable upset condition or preventable equipment breakdown shall not be considered malfunctions.

(iii) The term "start-up" means the setting into operation of any air pollution control equipment or process equipment for any purpose, except routine phasing in of process equipment.

(iv) The term "shutdown" means the cessation of operation of any air pollution control equipment or process equipment for any purpose, except routine phasing out of process equipment.

(v) The term "violation" means any incident of excess emissions, regardless of the circumstances of the occurrence.

(3) (i) In the case of excess emissions from the Kennecott smelter for which the Administrator has issued a Notice of Violation, the owner or operator of the subject smelter may submit the following data in order to assist the Administrator in carrying out his statutory responsibility under section 113 of the Clean Air Act to:

(A) Take into account, when issuing an administrative order under section 113(a)(4), the "seriousness of the violation and any good faith efforts to comply" with paragraph (d) of this section, or

(B) initiate a judicial action under section 113(b) (1) or (2) or section 113(c)(1) (A) or (B), in appropriate circumstances.

(ii) Each submission shall include, as a minimum:

(A) The identity of the stack and/or other emission point where the excess emissions occurred;

(B) The magnitude of the excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the magnitude of the excess emissions;

(C) The time and duration of the excess emissions;

(D) The identity of the equipment causing the excess emissions;

(E) The nature and cause of such excess emissions;

(F) If the excess emissions were the result of a malfunction, steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunctions;

(G) The steps taken to limit the excess emissions; and

(H) Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with good practice for minimizing emissions.

(4) At any time, the owner or operator of the Kennecott smelter has the right to submit data, information or reports to the Administrator, including but not limited to the information specified in paragraph (e)(2)(ii) of this section, in order to assist the Administrator in carrying out his statutory responsibilities under sections 113 and 303 of the Clean Air Act.

(5) The submittal of information pursuant to paragraphs (e) (3) and (4) of this section shall be used by the Administrator in determining the nature of the violation, the need for further enforcement action and the appropriate sanctions, if any, under the provisions of the Clean Air Act.

(6) Nothing in this section shall be construed to limit the obligation of the source to attain and maintain the national air quality standards for SO_2 nor the authority of the Administrator to institute actions under sections 113 and 303 of the Clean Air Act or to exercise his authority under section 114 of the Clean Air Act.

[37 FR 10898, May 31, 1972; 37 FR 15090, July 27, 1972, as amended at 40 FR 54788, Nov. 26, 1975; 42 FR 21472, Apr. 27, 1977; 45 FR 10765, Feb. 19, 1980]

§§ 52.2326—52.2328 [Reserved]

§ 52.2329 Resources.

(a) The requirements of § 51.20 of this chapter are not met because the transportation control plan does not contain a sufficient description of resources available to the State and local agencies and of additional resources needed to carry out the plan during the 5-year period following submittal.

[39 FR 20596, June 12, 1974]

§ 52.2330 Rules and regulations.

(a)(1) No owner or operator of any copper smelting operation in the Wasatch Front Intrastate Region shall discharge or cause the discharge of particulate matter into the atmosphere from the stack or stacks serving the reactor and converter operations in excess of 1340 pounds per hour, maximum 6-hour average, or allow the escape of any fugitive particulate matter emissions which can be captured and controlled using best available techniques.

(i) The owner or operator of any smelter subject to this paragraph shall comply with the compliance schedule specified below:

(A) December 15, 1975—Submit a final plan to the Administrator for meeting the requirements of paragraph (a)(1) of this section. Such a plan shall be subject to approval by the Administrator.

(B) January 31, 1976—Let contracts or issue purchase orders for emission capture systems.

(C) April 1, 1976—Initiate on-site construction and/or installation of emission capture equipment.

(D) May 31, 1977—Complete on-site construction and/or installation of emission capture system.

(E) July 31, 1977—Achieve final compliance with the requirements of paragraph (a)(1) of this section.

(2) The test methods and procedures used to determine compliance with paragraph (a)(1) of this section are set forth below. The methods referenced are contained in the appendix to Part 60 of this chapter. Equivalent methods and procedures may be used if approved by the Administrator.

(i) For each sampling repetition, the average concentration of particulate matter shall be determined by using method 5, except that compliance shall be determined by modifying method 5 to maintain a gas temperature above the sulfuric acid dew point (320° F minimum) at the exit end of the sampling probe and to utilize 80 percent isopropanol as the reagent in the first two impingers in place of water. Determination of the sulfuric acid mist concentration (including sulfur trioxide) collected by this modified method shall be based on the procedures described in method 8. Traversing during sampling by method 5 shall be according to method 1. The minimum sampling time shall be 2 hours and the minimum sampling volume shall be 60 feet^3 (1.170m^3) corrected to standard conditions on a dry basis.

(ii) The volumetric flow rate of the total effluent shall be determined by using method 2. Gas analysis shall be performed using the integrated sample technique of method 3, and moisture content shall be determined by the condenser technique of method 4.

(iii) All tests shall be conducted while the source is operating at the maximum production or combustion rate at which such source will be operated. During the tests, the source shall burn fuels or combinations of fuels, use raw materials, and maintain process conditions representative of normal operation, and shall operate under such other relevant conditions as the Administrator shall specify.

(42 U.S.C. 7410)

[46 FR 61852, Dec. 21, 1981]

§ 52.2331 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Utah's plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Wasatch Front							
a. Nonattainment Portions	*b*	*b*	*b*	*b*	a	*b*	c
b. Remainder of AQCR	a	a	a	a	a	a	a
Four Corners Interstate	a	a	a	a	a	a	a
Utah Intrastate	a	a	a	a	a	a	a

a. Air quality levels presently below secondary standards.
b. December 31, 1982.
c. December 31, 1987.

NOTE 1: Footnotes which are italic are prescribed by the Administrator because the plans do not provide a specific date, or the date provided is not acceptable.

NOTE 2: Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) of the Act prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.325.

[45 FR 10765, Feb. 19, 1980]

§ 52.2332 [Reserved]

§ 52.2333 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met since section 26-24-16 of the Utah Code Annotated (1953), may preclude the release of emission data, as correlated with applicable emission limitations, under certain circumstances.

[37 FR 15090, July 27, 1972]

§ 52.2334 [Reserved]

§ 52.2335 Control strategy: Carbon monoxide.

(a) The requirements of § 51.14(a)(2) of this chapter are not met because the transportation control plan does not contain an adequate description of proposed enforcement methods and designation of enforcement responsibilities, proposed rules and regulations, proposed administrative procedures to be used, and schedule of the dates by which significant steps in certain strategies will be achieved.

(b) The requirements of § 51.14(c) of this chapter are not met because the plan does not provide for the attainment and maintenance of the national standards for carbon monoxide in the Wasatch Front Intrastate Region by May 31, 1975.

[38 FR 16568, June 22, 1973]

§ 52.2336 Source surveillance.

(a) The requirements of § 51.19(d) of this chapter are not met because the transportation control plan does not indicate how surveillance will be accomplished to determine that the claimed emission reductions are being achieved.

[38 FR 16568, June 22, 1973]

§ 52.2337 Inspection and maintenance program.

(a) Definitions:

(1) "Inspection and maintenance program" means a program to reduce emissions from in-use motor vehicles through identifying vehicles that need emission control-related maintenance and requiring that such maintenance be performed.

(2) "Light-duty vehicle" means a gasoline-powered motor vehicle rated at 6000 lb GVW or less.

(3) All other terms used in this section that are defined in Part 51, Appendix N of this chapter, are used herein with the meanings so defined.

(b) This section is applicable in Davis, Salt Lake, Utah, and Weber Counties in the Wasatch Front Intrastate Air Quality Control Region.

(c) The State of Utah shall establish an inspection and maintenance program applicable to all light-duty vehicles registered in the areas specified in paragraph (b) of this section that operate on streets or highways over which it has ownership or control. No later than May 1, 1974, the State shall submit legally adopted regulations to the Administrator establishing such a program. The regulations shall include:

(1) Provisions for inspection of all light-duty motor vehicles at periodic intervals no more than 1 year apart by means of an idle test.

(2) Provisions for inspection failure criteria consistent with the failure of 50 percent of the vehicles in the first inspection cycle.

(3) Provisions to ensure that failed vehicles receive the maintenance necessary to achieve compliance with the inspection standards. These shall include sanctions against individual owners and repair facilities; retest of failed vehicles following maintenance; a certification program to ensure that repair facilities performing the required maintenance have the necessary equipment, parts, and knowledgeable operators to perform the tasks satisfactorily; and such other measures as may be necessary or appropriate.

(4) A program of enforcement to ensure that vehicles are not intentionally readjusted or modified subsequent to the inspection and/or maintenance in such a way as would cause them to no longer comply with the inspection standards. This might include spot checks of idle adjustments and/or a suitable type of physical tagging. This program shall include appropriate penalties for violation.

(5) Provisions for beginning the first inspection cycle by May 1, 1975, and completing it by May 1, 1976.

(6) Designation of an agency or agencies responsible for conducting, overseeing, and enforcing the inspection and maintenance program.

(d) After May 1, 1976, the State shall not register or allow to operate on its streets or highways any light-duty vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section. This shall not apply to the initial registration of a new motor vehicle.

(e) After May 1, 1976, no owner of a light-duty vehicle shall operate or allow the operation of such vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section. This shall not apply to the initial registration of a new motor vehicle.

(f) The State of Utah may exempt any class or category of vehicles from the requirements of this section which the State finds are rarely used on public streets and highways, such as classic or antique vehicles. Such an exemption shall be subject to approval by the Administrator.

(g) The State of Utah shall submit, no later than January 1, 1974, a detailed compliance schedule showing steps it will take to establish and enforce an inspection and maintenance program pursuant to paragraph (c) of this section, including:

(1) The text of needed statutory proposals and needed regulations that it will propose for adoption.

(2) The date by which the State will recommend needed legislation to the State legislature.

(3) The date by which necessary equipment will be ordered.

(4) A signed statement from the Governor or his designee identifying the sources and amounts of funds for the program. If funds cannot legally be obligated under existing statutory authority, the text of needed legislation must be submitted.

[38 FR 32667, Nov. 27, 1973]

§ 52.2338 Air bleed to intake manifold retrofit.

(a) Definitions:

(1) "Air bleed to intake manifold retrofit" means a system or device (such as a modification to the engine's system) that results in engine operation at an increased air-fuel ratio so as to achieve reductions in exhaust emissions of hydrocarbons and carbon monoxide from 1967 and earlier model light-duty vehicles of at least 21 percent and 58 percent, respectively.

(2) All other terms used in this section that are defined in Part 51, Appendix N of this chapter, are used herein with the meanings so defined.

(b) This section is applicable in Davis, Salt Lake, Utah, and Weber Counties in the Wasatch Front Intrastate Region.

(c) The State of Utah shall establish a retrofit program to ensure that on or before August 1, 1976, all vehicles of model years prior to 1968 subject to inspection under § 52.2337, are equipped with an appropriate air bleed to intake manifold retrofit device. No later than May 1, 1974, the State shall submit legally adopted regulations to the Administrator establishing such a program. The regulations shall include:

(1) Designation of an agency responsible for evaluating and approving such devices for use on vehicles subject to this section.

(2) Designation of an agency responsible for ensuring that the provisions of paragraph (c)(3) of this section are enforced.

(3) Provisions for beginning the installation of the air bleed devices by August 1, 1975, with installation of the devices on all vehicles subject to this section completed no later than July 31, 1976.

(4) Procedures for ensuring that those installing the retrofit devices have the training and ability to perform the needed tasks satisfactorily and will have an adequate supply of retrofit components.

(d) After August 1, 1976, the State shall not register or allow to operate on its streets or highways any light-duty vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section.

(e) After August 1, 1976, no owner of a vehicle subject to this section shall operate or allow the operation of any such vehicle that does not comply with the applicable standards and procedures implementing this section.

(f) The State of Utah shall submit no later than January 1, 1974, a detailed compliance schedule showing the steps it will take to establish and enforce a retrofit program pursuant to paragraph (c) of this section, including:

(1) The text of needed legislation and regulations which the State will propose for adoption.

(2) The date by which the State will recommend needed legislation to the State legislature for adoption.

(3) The date by which the State shall evaluate and approve devices for use in this program. Such date shall be no later than October 31, 1974.

[38 FR 32667, Nov. 27, 1973]

§ 52.2339 Regulation for high-altitude efficiency modification.

(a) "High-altitude efficiency modification" means the provision of increased air flow, restricted fuel flow, or other modification having the effect of compensating for the adverse effects on combustion efficiency of decreased air density at high altitudes.

(b) This section is applicable in Davis, Salt Lake, Utah, and Weber Counties in the Wasatch Front Intrastate Region.

(c) The State of Utah shall establish a program to ensure that on or before August 1, 1976, all gasoline-fueled, light-duty vehicles of model years 1968 to 1974 subject to inspection under § 52.2337, are equipped with an appropriate high-altitude efficiency modification. No later than May 1, 1974, the State shall submit legally adopted regulations to the Administrator establishing such a program. The regulations shall include:

(1) Designation of an agency responsible for evaluating and approving such devices for use on vehicles subject to this section.

(2) Designation of an agency for ensuring that the provisions of paragraph (c)(3) of this section are enforced.

(3) Provisions for beginning the installation of the modifications by August 1, 1975, with installation of the modifications on all vehicles subject to this section completed no later than July 31, 1976.

(4) Procedures for ensuring that those making modifications have the training and ability to perform the needed tasks satisfactorily and have an adequate supply of components.

(d) After August 1, 1976, the State shall not register or allow to operate on its streets or highways any light-duty vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section.

(e) After August 1, 1976, no owner of a light-duty vehicle subject to this section shall operate or allow the operation of any such vehicle that does not comply with the applicable standards implementing this section.

(f) The State of Utah shall submit no later than January 1, 1974, a detailed compliance schedule showing the steps it will take to establish and enforce a modification program pursuant to paragraph (c) of this section, including:

(1) The text of needed legislation and regulations which the State will propose for adoption.

(2) The date by which the State will recommend needed legislation to the State legislature for adoption.

(3) The date by which the State shall evaluate and approve devices for use in this program. Such date shall be no later than October 31, 1974.

[38 FR 32667, Nov. 27, 1973]

§ 52.2340 Regulation for provision of a bike-way system in Provo.

(a) Definitions:

(1) "Bike-way" means a route for bicycles providing for a separate or restricted right-of-way for exclusive use of bicycles, and providing an all-weather, hard, smooth surface with a minimum width of 5 feet, if for one-way traffic; and 9 feet, if for two-way traffic.

(2) "Provo CBD" means the area bounded by and including the following streets: Third North, First South, Second East, and Sixth West.

(b) By May 1, 1974, the City of Provo shall complete installation of a bike-way system from Brigham Young University to the Provo CBD by the conversion of existing traffic or parking lanes on streets and highways over which it has control or by other means acceptable to the Administrator. Such bike-way system must provide for two-way bicycle traffic throughout the entire course of the system, either by one two-way lane or by two one-way lanes. All motor-powered vehicles shall be excluded from such bike-way system.

(c) The City of Provo, by January 15, 1974, shall submit to the Administrator for his approval a detailed statement of the steps to be taken to post notices, delineate traffic lanes, and otherwise effect the requirements of paragraph (b) of this section, and a schedule for their implementation that provides for their full effectiveness no later than May 1, 1974. Such detailed statement shall specify the penalties to be imposed for improper use of the bike-way system and the agency to be designated to enforce such penalties, and shall set forth the proposed text of any needed ordinances or regulations to implement such system. By April 1, 1974, the City of Provo shall submit to the Administrator legally adopted regulations to carry out the provisions of this section.

[38 FR 32667, Nov. 27, 1973]

§ 52.2341 Regulation for the limitation of on-street parking in Salt Lake City.

(a) Definitions:

(1) "On-street parking" means stopping a motor vehicle on any street, highway, or roadway (except for legal stops at or before intersections and as caution and safety require), whether or not a person remains in the vehicle.

(2) The "Salt Lake City CBD" means the area bounded by and including the following streets: South Temple, Second East, Fifth South, and West Temple.

(b) Beginning August 1, 1974, the City of Salt Lake City shall prohibit the parking of any motor vehicle in the Salt Lake City CBD, with the exception of Main Street between South Temple Street and Third South Street, unless such vehicle is parked parallel with the roadway in such a manner that it projects no farther than 9 feet from the outside edge of the roadway.

(c) The City of Salt Lake City, by January 15, 1974, shall submit to the Administrator for his approval a detailed statement of the steps to be taken to post notices, delineate traffic lanes, and otherwise effect the requirements of paragraph (b) of this section, and a schedule for their implementation that provides for their full effectiveness no later than August 1, 1974. Such detailed statement shall specify the penalties to be imposed for violation of paragraph (b) of this section and the agency to be designated to enforce such penalties, and shall set forth the proposed text of needed ordinances or regulations to implement such system. By April 1, 1974, the City of Salt Lake City shall submit to the Administrator legally adopted regulations to carry out the provisions of this section.

[38 FR 32668, Nov. 27, 1973]

§ 52.2342 Regulation for the provision of a pedestrian-oriented mall in Salt Lake City.

(a) "Salt Lake City CBD" means the area bounded by and including the following streets: South Temple, Second East, Fifth South, and West Temple.

(b) The City of Salt Lake City shall, no later than December 31, 1974, convert Main Street from South Temple to Third South (the "Mall Area") into a pedestrian-oriented mall by eliminating all through traffic from the Mall Area, substantially widening the sidewalks in the Mall Area, substantially narrowing Main Street in the Mall Area, and taking such other measures as may be necessary to achieve at a minimum a 4 percent reduction in vehicle miles traveled (VMT) in the Salt Lake City CBD from the level of October 15, 1973.

(c) The City of Salt Lake City, by January 15, 1974, shall submit to the Administrator for his approval a detailed statement of the measures to be taken in order to comply with paragraph (b) of this section, and a schedule of implementation that provides for full compliance no later than December 31, 1974. Such detailed statement shall set forth the proposed text of needed ordinances or regulations to implement and enforce the provisions of this section. By July 1, 1974, the City of Salt Lake City shall submit to the Administrator legally adopted regulations to carry out the provisions of this section.

[38 FR 32668, Nov. 27, 1973]

§ 52.2343 Monitoring transportation controls.

(a) This section is applicable to the Wasatch Front Intrastate Region.

(b) In order to assure the effectiveness of the inspection and maintenance program and the retrofit devices required under §§ 52.2337, 52.2338, 52.2339, the State of Utah shall monitor the actual per-vehicle emissions reductions occurring as a result of such sections. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the State in accordance with § 58.35 of this chapter. The first quarterly report shall cover the period January 1-March 31, 1976.

(c) In order to assure the effective implementation of §§ 52.2340, 52.2341, and 52.2342, the State shall monitor vehicle miles traveled and average vehicle speeds for each area in which such sections are in effect for such time periods as may be appropriate to evaluate the effectiveness of such sections. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the State in accordance with § 58.35 of this chapter in the basic format shown in Table 1.

TABLE 1

Time ....
Affected Area ....

Roadway type	VMT or average vehicle speed	
	Vehicle type (1)	Vehicle (2)[1]
Freeway Arterial Collector Local		

[1] Continue with vehicle types as appropriate.

(d) No later than March 1, 1974, the State shall submit to the Administrator a compliance schedule to implement this section. The program description shall include the following:

(1) The agency or agencies responsible for conducting, overseeing, and maintaining the monitoring program.

(2) The administrative procedures to be used.

(3) A description of the methods to be used to collect the emissions data, VMT data, and vehicle speed data; a description of any modeling techniques to be employed; a description of the geographical area to which the data apply; identification of the location at which the data will be collected; and the time periods during which the data will be collected.

(Secs. 110, 301(a), 313, 319, Clean Air Act (42 U.S.C. 7410, 7601(a), 7613, 7619))

[38 FR 32668, Nov. 27, 1973, as amended at 44 FR 27571, May 10, 1979]

§ 52.2344 [Reserved]

§ 52.2345 Maintenance of national standards.

(a) The requirements of § 51.4 and § 51.12(e) of this chapter are not met since the State did not conduct a public hearing on the identification of areas which have the potential for violation of an air quality standard within 10 years.

(b) The areas listed below are identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Colorado-Utah Oil Shale Interstate Air Quality Maintenance Area (Utah Portion).

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Daggett County, Duchesne County, Uintah County.

(2) Northcentral Utah Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Davis County, Morgan County, Weber County.

(3) Provo Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Summit County, Utah County, Wasatch County.

(4) Salt Lake City Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Salt Lake County

(5) Southeastern Utah Coal Resource Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Carbon County, Emery County, Grand County, San Juan County.

(6) Southwestern Utah Coal Resource Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Beaver County, Garfield County, Iron County, Kane County, Washington County.

(7) Wayne County Coal Resource Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Wayne County.

[40 FR 23756, June 2, 1975]

§ 52.2346 Significant deterioration of air quality.

(a) The Utah plan, as submitted, is approved as meeting the requirements of Part C, Title I, of the Clean Air Act, except that it does not apply to sources proposing to construct on Indian Reservations.

(b) *Regulation for Prevention of Significant Deterioration of Air Quality.* The provisions of § 52.21 (b) through (v) are hereby incorporated by reference and made a part of the Utah State Implementation Plan and are applicable to proposed major stationary sources or major modifications to be located on Indian Reservations.

(Sec. 110, Clean Air Act (42 U.S.C. 7410))

[47 FR 6428, Feb. 12, 1982]

Subpart UU—Vermont

§ 52.2370 Identification of plan.

(a) Title of plan: "State of Vermont Implementation Plan for the Achievement of National Air Quality Standards."

(b) The plan was officially submitted on January 29, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Notice of public hearing submitted on February 3, 1972, by the Vermont Agency of Environmental Conservation.

(2) Miscellaneous non-regulatory revisions to the plan submitted on February 25, 1972, by the Vermont Agency of Environmental Conservation.

(3) Miscellaneous changes to regulations 5-412, 5-466, 5-467, 5-481, 5-486, 5-487, and 5-488 submitted on May 19, 1972, by the Vermont Agency of Environmental Conservation.

(4) Revision to the particulate emission limitation or Fuel Burning Equipment, revision to Rule 6, "Rules of Practice," of the Air Quality Variance Board and miscellaneous non-regulatory revisions submitted on March 3, 1975, by the Vermont Agency of Environmental Conservation.

(5) Revision to Chapter 5, "Incinerator Emissions" submitted on November 30, 1973, by the Vermont Agency of Environmental Conservation.

(6) Revision to Vermont Regulations, Chapter 5, "Air Pollution Control", by letter submitted on July 19, 1976 by the Vermont Agency of Environmental Conservation.

(7) Revision to Regulation 5-231, Prohibition of Particulate Matter, section 1, Industrial Process Emissions, with respect to wood processing operations, submitted by the Vermont Secretary of Environmental Conservation on April 11, 1977.

(8) Revisions to Chapter 5 of the Vermont Air Pollution Control Regu-

lations, submitted by the Secretary of Environmental Conservation on February 21, 1978.

(9) Plans to meet various requirements of the Clean Air Act, including Part C, were submitted on March 21 and November 21, 1979. Included in these revisions is a program for the review of construction and operation of new and modified major stationary sources of pollution in attainment areas.

(10) Attainment plans to meet the requirements of Part D and the Clean Air Act, as amended in 1977, were submitted in March 21, November 21, November 27 and December 19, 1979. Included are plans to attain: The secondary TSP standard for Barre City and a portion of the Champlain Valley Air Management Area, the carbon monoxide standard in the Champlain Valley Air Management Area and the ozone standard in Chittenden, Addison and Windsor Counties. A program was also submitted for the review of construction and operation of new and modified major stationary sources of pollution in non-attainment areas. Certain miscellaneous provisions were also included.

(11) A plan to provide for public, local and state involvement in federally funded air pollution control activities was submitted on March 28, 1980.

(12) A plan to attain and maintain the National Ambient Air Quality Standard for lead was submitted on June 24, 1980 by the Secretary of the Vermont Agency of Environmental Conservation. A letter further explaining the state procedures for review of new major sources of lead emissions was submitted on November 7, 1980 by the Director, Air & Solid Waste Programs, Vermont Agency of Environmental Conservation.

(13) A revision to the air quality monitoring network which meets the requirements of 40 CFR Part 58, submitted on March 21, 1979 by the Governor of Vermont.

(14) A revision to regulation 5-221(1), "Sulfur Limitation in Fuel," submitted by the Secretary of the Vermont Agency of Environmental Conservation on November 13, 1979.

(15) Revisions to amend Regulations 5-101 "Definitions", 5-501 "Review of Construction or Modification of New Air Contaminant Sources", 5-502 "Major Stationary Sources", and Section 9 of the non-regulatory portion of the SIP; to delete Regulations 5-253(1) "Storage of Volatile Organic Compounds", 5-253(3), "Bulk Gasoline Terminals", and 5-231(4) "Potentially Hazardous Particulate Matter"; to add Regulation 5-261 "Control of Hazardous Air Contaminants"; and to amend Table 3 of the Regulations "Levels of Significant Impact for Nonattainment Areas"; submitted by the Secretary of the Vermont Agency of Environmental Conservation on August 24, 1981.

(16) A revision to Regulation 5-231, "Prohibition of Particulate Matter," by the addition of subparagraph (3)(b) submitted by the Secretary of the Vermont Agency of Environmental Conservation for all but three stationary wood-fired combustion sources (excluded from submittal: Moran Generating Station, Burlington Electric Department; Rutland Plywood Company; and Cersosimo Lumber Company) on February 12, 1982.

(Secs. 110(a), 301, Clean Air Act, as amended (42 U.S.C. 7410, 7601))

[37 FR 10898, May 31, 1972]

EDITORIAL NOTE: For Federal Register citations to § 52.2370, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.2371 Classification of regions.

The Vermont plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Champlain Valley Interstate	II	II	III	III	III
Vermont Intrastate	II	II	III	III	III

[37 FR 10898, May 31, 1972, as amended at 45 FR 10782, Feb. 19, 1980]

§ 52.2372 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Vermont's plan as identified in § 52.2370 for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plans satisfy all requirements of Part D, Title I, of the Clean Air Act, as amended in 1977, except as noted below. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January, 1978 and January, 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

[45 FR 10782, Feb. 19, 1980]

§ 52.2373 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met. Vermont does not have the authority to make emissions data available to the public since 10 V.S.A. section 363 would require the data to be held confidential if a source certified that it related to production or sales figures, unique processes, or would tend to affect adversely the competitive position of the owner.

[37 FR 10899, May 31, 1972]

§ 52.2374 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the plan does not provide for public availability of emission data.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1–June 30 and July 1–December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[37 FR 10899, May 31, 1972, as amended at 40 FR 55333, Nov. 28, 1975]

§ 52.2375 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in Vermont's plan.

Air quality control region and nonattainment area [1]	Pollutant						
	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Champlain Valley Interstate—Chittenden County:							
Champlain Valley Air Management Area:							
Essex Town (including Essex Jct.)	a	c	a	a	a	b	b
Burlington City	a	c	a	a	a	b	b
South Burlington City	a	c	a	a	a	b	b
Winooski	a	c	a	a	a	b	b
Remainder of Air Management Area	a	a	a	a	a	b	b
Remainder of County	a	a	a	a	a	a	b
Vermont Valley Air Management Area	a	a	a	a	a	a	a
Addison County	a	a	a	a	a	a	b
Remainder of AQCR	a	a	a	a	a	a	a
Vermont Interstate:							
Central Vermont Air Management Area:							
Barre City	a	c	a	a	a	a	a
Remainder of Air Management Area	a	a	a	a	a	a	a
Windsor County	a	a	a	a	a	a	b
Remainder of AQCR	a	a	a	a	a	a	a

[1] Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those regulations by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.2375 (1978).

a. Air quality levels presently below secondary standards or area is unclassifiable.
b. 12/31/82.
c. 12/31/87.

[45 FR 10782, Feb. 19, 1980; 46 FR 33525, June 30, 1981]

§ 52.2376 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	State regulation involved	Date of adoption	Effective date	Final compliance date
Georgia Pacific Corp., Whitefield Paper Division.	Gilman, Vermont	5-221	Jan. 5, 1973	Immediately	July 1, 1973.

[38 FR 20836, Aug. 3, 1973]

§ 52.2377 Review of new sources and modifications.

Regulation 5-501(3) entitled "Default Permits" is disapproved.

[45 FR 10782, Feb. 19, 1980]

§ 52.2378 [Reserved]

§ 52.2379 Maintenance of national standards.

(a) Based upon the information available to him and in accordance with the EPA publication, Guidelines for Designation of Air Quality Maintenance Areas, the Administrator does not identify any areas pursuant to § 51.12, paragraphs (e) and (f), of this chapter as having the potential for violation of the national ambient air quality standards within 10 years.

[40 FR 18736, Apr. 29, 1975]

§ 52.2380 Significant deterioration of air quality.

The program to review the construction and operation of new and modified major stationary sources in attainment areas is approved as meeting the requirements of Part C, except regulation 5-501(3) entitled "Default permits", and a portion of the SIP revision narrative from the first full paragraph on pages 9-11 through the first four lines of pages 9-12 inclusive, both of which were submitted on March 21, 1979 and which are disapproved.

[45 FR 6784, Jan. 30, 1980]

§ 52.2381 [Reserved]

§ 52.2382 Rules and regulations.

(a) *Non-Part D—No Action.* EPA is neither approving or disapproving the following elements of the revisions:

(1) Permit fees.

(2) Intergovernmental consultation.

(3) Stack height requirements.

(4) Interstate pollution notification requirements.

(5) Conflict of interest requirements.

[45 FR 10782, Feb. 19, 1980, as amended at 45 FR 59315, Sept. 9, 1980; 46 FR 66789, Oct. 8, 1980; 46 FR 16897, Mar. 16, 1981]

Subpart VV—Virginia

§ 52.2420 Identification of plan.

(a) Title of Plan: "Implementation Plan of Virginia."

(b) The plan was officially submitted on January 30, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Miscellaneous non-regulatory additions and errata to the plan submitted on May 4, 1972, by the Virginia Air Pollution Control Board.

(2) Revisions to control strategy for particulate matter, section IV, Rules 3 and 7 of the Virginia Air Pollution Control Regulations, and public availability of emission data regulation submitted June 30, 1972, by the Governor.

(3) Revisions to nitrogen dioxide control strategy regulations section 705.05 of the Virginia Air Pollution Control Regulations, submitted July 26, 1972, by the Governor.

(4) Miscellaneous non-regulatory additions to the plan submitted on February 14, 1973, by the Governor.

(5) Transportation control plan for National Capital AQCR submitted April 11, 1973, by the Governor.

(6) Amendments to the National Capital AQCR Transportation Control Plan submitted on May 30, 1973, by the Governor.

(7) Amendments to the National Capital AQCR Transportation Control Plan submitted on July 11, 1973, by the Governor.

(8) Amendments to the National Capital AQCR Transportation Control Plan submitted on July 9, 1973, by the Governor.

(9) Miscellaneous non-regulatory additions to the plan submitted on August 10, 1973, by the Governor.

(10) Revision to plan setting forth control strategy for particulate matter in the State Capital AQCR submitted August 20, 1973, by the Governor.

(11) Indirect Source Review plan was submitted December 6, 1973, by the State Air Pollution Control Board.

(12) Revisions to air quality standards for sulfur oxides section 3.703 of the Commonwealth of Virginia's Regulations for the Control and Abatement of Air Pollution, submitted February 12, 1974, by the Virginia Air Pollution Control Board.

(13) AQMA designations were submitted on May 7, 1974 by the Governor of the State of Virginia.

(14) Revision deleting preface to the State air pollution control regulations submitted May 24, 1974 by the Virginia Air Pollution Control Board.

(15) An amendment to Section 2.05(a) (Variances) former Section 2.01(f) of the Commonwealth of Virginia Regulations for the Control and Abatement to Air Pollution submitted on August 14, 1975 by the Commonwealth Secretary of Commerce and Resources.

(16) A variance to allow the operation of the Alexandria City Incinerator in excess of the federally approved particulate emission limitations for incinerators until December 31, 1979, by the Commonwealth Secretary of Commerce and Resources.

(17) Amendment to section 7.02 (Episode Determination) [former sections 6.01(b), 6.701(b)] of the Commonwealth of Virginia for the Control and Abatement of Air Pollution submitted

on January 29, 1976, by the Secretary of Commerce and Resources.

(18) Amendment to sections 7.01 (General) [former section 6.700] and 7.02 (Episode Determination) [former section 6.701(b)] of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution submitted on March 11, 1977, by the Secretary of Commerce and Resources.

(19) Amendments to Part I, Subpart 1.01 (Certain Terms Defined) and to Part IV, Section 4.52 (former Section 4.705.13) of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution submitted on April 16, 1974, by the Commonwealth Secretary for Commerce and Resources.

(20) Amendments to Part I (Definitions), Sections 1.01 and 1.02; amendments to Part II (General), Sections 2.01, 2.03, 2.04, 2.07, 2.08, 2.10, 2.12, 2.30, and 2.31; amendments to Part III (Ambient Air Quality Standards), Sections 3.01, 3.03 [sections 3.03(b)(1) and 3.03(b)(2) are deleted] 3.04, 3.05, 3.06, 3.07 and deletion of Section 3.08; amendments to Part IV (Existing Sources), Sections 4.01, 4.20, 4.40, 4.41, 4.51(b) through 4.51(g), 4.70, 4.71, 4.80-4.86, 4.90-4.92, and 4.100-4.102 and deletion of Section 4.07.02; amendments to Part VII (Air Pollution Episode), Sections 7.01, 7.02, and 7.05; and amendments to Appendices A, B, C (former Appendix A), D, E [former Section 4.08.04], G, H, and I submitted on August 14, 1975 by the Secretary of Commerce and Resources.

(21) Deletion of former Section 4.703.04 (Bacharach Standard) submitted on June 16, 1976 by the Secretary of Commerce and Resources.

(22) Amendments to Part I (Definitions), Section 1.01, submitted on October 20, 1976 by the Secretary of Commerce and Resources.

(23) Amendment to Section 10-17.21 of the Virginia Air Pollution Control Law submitted August 1975 by the Commonwealth.

(24) Amendment to subsection 4.52(e) (former section 4.705.03) of the Virginia regulations for the control and abatement of air pollution; submitted on April 16, 1974, as amended June 16, 1976, by the secretary of commerce and resources.

(25) A variance issued to the Spruance, Virginia plant of E.I. DuPont de Nemours and Company exempting one of their boilers from Rule EX-3 until December 31, 1980, submitted on December 13, 1978 by the Secretary of Commerce and Resources.

(26) On November 28, 1977 the State submitted an amendment to the Virginia SIP consisting of a permit extension and an emission offset for the Hampton Roads Energy Company's proposed refinery and terminal in Portsmouth, Virginia. This submittal was supplemented by the Commonwealth on March 17, 1978, May 26, 1978, August 9, 1978, and October 5, 1979. The March 17th submittal included a letter dated March 6, 1978 from the Commission of the Virginia Department of Highways and Transportation committing to a reduction of nonmethane hydrocarbon emissions through the substitution of emulsion-based asphalt for solvent-based asphalt thus providing the needed emission offset. This letter is an addendum to the Virginia SIP. The State-issued permit to HREC, as amended, is also made part of the Virginia SIP.

(27) On January 11, 1979, the Governor submitted the nonattainment area plans for Virginia with respect to ozone and carbon monoxide.

(28) The following portions of Virginia's September 6, September 21, and December 17, 1979, submittals are approved:

(1) September 6, 1979, submittal: Section 2.33(g)(1)(vi) of the regulation.

(2) September 21, 1979, submittal, the following Sections of Virginia's regulations: Sections 4.57(b)(2)(ii); 4.55(f)(4)(i); 4.56(e); 4.52(a); 2.03(a)(1); 2.33(f)(3); Part I of the regulations, the definitions of "Delayed Compliance Order" and "Nonattainment Area;" Sections 4.02(f)(1) through 4.02(f)(5); Appendix N; and those portions of Sections 4.54, 4.55 and 4.56 where the phrase "will be considered acceptable compliance by the Board" has been modified.

(3) December 17, 1979, submittal: Chapter 3, Control Strategy Demonstration, design value for Northern Virginia.

(29) The following portions of Virginia's August 14, 1975, August 31, 1977, and January 11, 1979, submittals as they relate to Section 2.33 are approved:

(1) August 14, 1975, submittal: Section 2.33 (b) and (i).

(2) August 31, 1977, submittal: Section 2.33(h).

(3) January 11, 1979, submittal: Section 2.33 (a), (c), (d), (e), (f), (g) and (k).

(30) Amendments of Part I (Definitions), section 1.02; Part II (General Provisions). Sections 2.02 (a), (c), and (e) (former section 2.11 (a), (b), and (d)), section 2.05(b), section 2.11; and Part IV (Regulations for Existing sources), sections 4.10, 4.11, and 4.13 deletion of the following regulations from Part IV: Former sections 4.03.02, 4.05.03, 4.05.04, 4.05.05(b), 4.10.03, 4.705.04, and 4.705.05 submitted on August 14, 1975 by the Secretary of Commerce and Resources.

(31) Amendments on Part I (Definitions), section 1.02; Part III (Ambient Air Quality Standards), section 3.02(c); Part IV (Special Provisions), section 4.02(a), (a)(1), (a)(2), (b), (c), and (d) (Formerly section 2.04) and section 4.03; and Part VII (Air Pollution Episode), sections 7.04 (a), (b), (d), and (e) submitted on October 20, 1976 by the Secretary of Commerce and Resources.

(32) Amendments of Part II, (General Provisions), section 2.02(b) submitted on March 11, 1977, by the Secretary of Commerce and Resources.

(33) Amendments on Part II, (General Provisions), section 2.02(d) submitted on September 20, 1978, by the Secretary of Commerce and Resources.

(34) Amendments to Part II (General Provisions), section 2.06 (b) and (c); and Part VII (Air Pollution Episode), section 7.03(d); and deletion of Part IV (Existing Sources), Rule EX-7, section 4.07.05 submitted on August 14, 1975, by the Secretary of Commerce and Resources.

(35) Amendments to Part I (Definitions), section 1.02; Part II (General Provisions), section 2.06 (a) and (d); Part III (Ambient Air Quality Standards), section 3.02 (a) and (b); Part IV (Existing Sources), sections 4.20, 4.21, 4.23 (formerly sections 4.41), 4.25, 4.26, 4.27, and 4.51(a); Part VII (Air Pollution Episode), former section 4.51 (b) through (g) are changed to section 4.51 (c) through (h). Sections 7.01(b) and 7.02 (a), (b), and (d); and Appendix A; and, deletion of former sections 4.20, 4.21, and 4.22 submitted on September 20, 1978 by the Secretary of Commerce and Resources.

(36) Amendments to Part VII (Air Pollution Episode), sections 7.03 (c) and (e) and 7.04(c); and deletion of Part II (General Provisions), section 2.04(a)(2) as submitted on March 11, 1977 by the Secretary of Commerce and Resources.

(37) Amendments to Part I (Definitions), section 1.02; Part IV (Existing Sources), Rule EX-2, section 4.22; and Part VII (Air Pollution Episode), section 7.03 (a) and (b) as submitted on September 21, 1979 by the Secretary of Commerce and Resources.

(38) A revision submitted by the Commonwealth of Virginia on March 24, 1980 which is intended to establish an Ambient Air Quality Monitoring Network.

(39) Amendments to Part I (Definitions), section 1.02; and Part IV (Emission Standards for Particulate Emissions from Fuel Burning Equipment, Rule EX-3), sections 4.30, 4.31 (except section 4.31(d)(3)) and 4.32 submitted on September 21, 1979.

(40) A revision submitted by the Commonwealth of Virginia on January 9, 1979 consisting of an amendment to the Virginia Regulations for the Control and Abatement of Air Pollution, Part IV, Rule EX-2, Emission Standards for Visible Emissions.

(41) A revision submitted by the Commonwealth of Virginia on August 13, 1979 consisting of a variance from Part IV, Rule EX-10, Sections 4.100(a)(1), (2) and (3) for preparing cars for overseas shipment at the Exchange Service Station on the Naval Base in Norfolk, Virginia.

(42) A variance issued to the Union Camp Corporation Particleboard Plant located at Franklin, Virginia exempting dryers 1FSD, 2FSD, and pre-dryer 3FSD from Part IV, Rule EX-4, Section 4.41(i) until December 15, 1981, submitted on July 28, 1980 and amended on April 16, 1981 by the Virginia

Secretary of Commerce and Resources.

(43) The variance issued to the Norfolk Naval Shipyard located at Portsmouth, Virginia exempting the salvage fuel-fired boilers and the power plant boilers from Sections 4.22 and 4.31(a)(1) until July 31, 1982, submitted on August 29, 1980 and amended on May 5, 1981 by the Secretary of Commerce and Resources.

(44) A revision submitted by the Commonwealth of Virginia on June 19, 1980 consists of a 1979 Amendment to the provisions of Section 10-17.12 (Qualifications of members of Board) of the Virginia Air Pollution Control Law.

(45) A revision submitted by the Commonwealth of Virginia on August 19, 1980 consisting of amendments to Section 1.02, 4.10, 4.11, 4.12, 4.13, and 4.102; and Appendix C of the Virginia Air Pollution Control Board Regulations.

(46) The variance issued to the Municipal Incinerator on Oyster Point Road located at Newport News, Virginia exempting the incinerator from Section 4.71 until July 1, 1982, submitted on May 1, 1981 by the Secretary of Commerce and Resources.

(47) Amendments to Chapter 1 of all nonattainment plans; amendments to Chapter 11 of the Richmond, Northern Virginia, Peninsula and Southeastern plans; amendments to Chapter 9 of the Roanoke and Stafford plans; addition of Appendices A and B to all plans; amendments to Chapter 3 of the Northern Virginia, Peninsula, Southeastern, Roanoke and Stafford plans; amendments to Chapter 10 of the Richmond, Peninsula and Southeastern plans; addition of Appendix C to the Northern Virginia Plan; and, certain revisions to Chapter 5 of all plans were submitted by the Secretary of Commerce and Resources on April 13, 1981. Revision of Chapter 10 of the Northern Virginia plan submitted on July 23, 1981.

(48) The revisions submitted on December 17, 1979 by the Secretary of Commerce and Resources related to the ozone and carbon monoxide nonattainment area plans, except section 1.02, "Vapor Tight", sections 4.54(h), 4.56(h), 4.55(m)(2), and 4.57(a)(5), Chapter 3 of the Roanoke plan, Chapter 6 of the Peninsula, Richmond, and Southeastern Virginia plans, and Appendix P.

(49) The May 15, 1980 revision, as amended by the April 3, 1981 revision, submitted by the Secretary of Commerce and Resources pertaining to Chapter 9 of the Richmond and Northern Virginia nonattainment plans. This submittal includes the State Statute authorizing an Inspection and Maintenance program and a schedule for the implementation of this program.

(50) Amendments to Part II (General Provisions), Sections 2.33(a)(5) and 2.34(i) submitted on February 19, 1981, by the Secretary of Commerce and Resources.

(51) Revisions to § 1.02 (Terms Defined) of Part I (Definitions) and Section 4.51(c)(2) of Part IV (Rule EX-5, Emission Standards for Gaseous Pollutants) were submitted by the Secretary of Commerce and Resources, Commonwealth of Virginia, on September 28, 1978.

(52) A revision submitted by the Commonwealth of Virginia on October 20, 1976 consisting of amendments to sections 2.34(a), 2.34(b), and 2.34(h) of the Virginia Air Pollution Control Board Regulations.

(53) A revision submitted by the Commonwealth of Virginia on September 20, 1978 consisting of amendments to Part I, Definitions, modification of "Combustion Installation"; and sections 4.02(a)(2), 4.02(e), and 4.21 of the Virginia Air Pollution Control Board Regulations.

(54) A revision submitted by the Commonwealth of Virginia on September 6, 1979 consisting of amendments to Part I, Definitions; sections 2.33(a), 2.33(c), 2.33(d), 2.33(e), 2.33(h), 2.33(k), 2.33(m), 3.05(a), 3.05(b), 3.05(c), 4.02(g) (2), (3), (4), (5), and (6), 4.23, 4.40, 4.41, 4.90, 4.91, 4.92(b), 4.93(b), 7.01(b), 7.02(a), 7.02(b), 7.02(d); and, Appendix C of the Virginia Air Pollution Control Board Regulations.

(55) A revision submitted by the Commonwealth of Virginia on September 21, 1979 consisting of amendments to Part I, Definitions; sections 2.03(c), 2.03(e), 2.09(d), 2.09(f), 2.34(c), 2.34(d), 2.34(e), 2.34(f), 2.34(g), 4.02(f)

(7) thru (10), 4.54(a), 4.54(b), 4.54(c), 4.54(e), 4.54(f), 4.54(g), 4.55(a), 4.56(a), 4.56(c), 4.56(d), 4.56(f), 4.56(g), 4.57(a), 4.57(b); and Appendix M of the Virginia Air Pollution Control Board Regulations.

(56) The variance issued to the Southside Mental Health and Mental Retardation Support Unit located in Petersburg, Virginia exempting the facility from Sections 4.22 and 4.31(a)(1)(ii) until June 30, 1982. It was submitted on May 28, 1981 and amended on August 5, 1981.

(57) A revision submitted by the Commonwealth of Virginia on October 20, 1976 consisting of the addition of Sections 1.02, (Definition of Continuous Emission Monitoring); 4.04 (a) through (f); 4.05 (a) through (e); and Appendix J, except for Part II, Sections a.2. and d.2.

(58) A revision submitted by the Commonwealth of Virginia on September 20, 1978 consisting of amendments to Sections 4.04 (a)(1) and (b); 4.04(e); Appendix J; and, the addition of Sections 4.24 (a), (b) and (c).

(59) Amendments to sections 1.02, 4.56(f)(3), and Appendix M as submitted on April 13, 1981 by the Secretary of Commerce and Resources.

(60) Revisions submitted on February 16, 1981, except the compliance schedules contained in Chapter 7, by the Secretary of Commerce and Resources related to the ozone and carbon monoxide nonattainment plan for the Richmond area.

(61) Amendments to Part III, Ambient Air Quality Standards, Section 3.08, Lead, submitted on December 30, 1980 by the Secretary of Commerce and Resources.

(62) A variance issued to the U.S. Marine Corps Quantico Base Central Heating Plant located in Prince William County, Virginia, exempting their boilers from Rules EX-2 and EX-3 until October 15, 1983, submitted on November 5, 1980, revised on December 16, 1981 by the Secretary of Commerce and Resources.

(63) [Reserved]

(64) Amendments to Part V, sections 5.01, 5.13, and 5.17 as submitted on August 14, 1975 by the Secretary of Commerce and Resources.

(65) Amendments to Part V, sections 5.02 (b)-(d), 5.03, 5.04 (b)-(d) and (f), and 5.05 as submitted on October 20, 1976 by the Secretary of Commerce and Resources.

(66) Amendments to Part V, sections 5.02 (a) and (e), 5.04 (a) and (e), 5.10, 5.14, 5.15, and 5.16 as submitted September 20, 1978 by the Secretary of Commerce and Resources.

(67) Amendments to Part V, sections 5.40 and 5.45 as submitted on September 6, 1979 by the Secretary of Commerce and Resources.

(68) Amendment to Part V, section 5.12 as submitted on September 21, 1979 by the Secretary of Commerce and Resources.

(69) Amendments to Part I, section 1.02, Part II, sections 2.31, 2.33 (a)-(e), (g), (k), and (m), Part IV, Rule Ex-4, section 4.41(b)(4), Part V, Rule NS-4, sections 5.42, 5.43, and 5.44, Part VIII, section 8.02 and Appendix L as submitted August 18, 1981 by the Secretary of Commerce and Resources.

(70) Revisions submitted on July 13, 1981 and August 10, 1981, pertaining to the Inspection and Maintenance Program in the Northern Virginia AQCR, by the Secretary of Commerce and Resources.

(42 U.S.C. 7401-7462)

[37 FR 10899, May 31, 1972]

Editorial Note: For Federal Register citations to § 52.2420, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.2421 Classification of regions.

The Virginia plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Eastern Tennessee-Southwestern Virginia Interstate	I	I	III	III	III
Valley of Virginia Intrastate	I	III	III	III	III
Central Virginia Intrastate	I	III	III	III	III
Northeastern Virginia Intrastate	IA	III	III	III	III
State Capital Intrastate	I	III	III	III	I
Hampton Roads Intrastate	I	II	III	III	I
National Capital Interstate	I	I	III	I	I

[37 FR 15090, July 27, 1972, as amended at 39 FR 16347, May 8, 1974]

§ 52.2422 Extensions.

(a) The Administrator hereby extends for 18 months the statutory timetable for submission of Virginia's plan for attainment and maintenance of the secondary standards for particulate matter in the State Capital Intrastate Region.

(b) The Administrator hereby extends for two years the attainment dates for the national standards for carbon monoxide and photochemical oxidants in the Virginia portion of the National Capital Interstate Region.

(c) The Administrator hereby extends to December 31, 1987 the attainment date for ozone in the Virginia portion of the National Capital Interstate AQCR and in the Richmond City, Chesterfield County and Henrico County portions of the State Capital Intrastate AQCR.

[37 FR 10898, May 31, 1972, as amended at 38 FR 33723, Dec. 6, 1973; 45 FR 55195, Aug. 19, 1980]

§ 52.2423 Approval status.

(a) With the exceptions set forth in this subpart, the Administrator approves Virginia's plan for the attainment and maintenance of the national standards. The State included a provision dealing with open burning in its submittal of August 10, 1973. This provision was included for information purposes only and was not to be considered a part of the plan to implement national standards. Accordingly, this additional provision is not considered a part of the applicable plan.

(b) With respect to the transportation control strategies submitted on April 11, May 30, July 9, and July 11, 1973, the Administrator approves the measures for the National Capital region for carpool locator, express bus lanes, increased bus fleet and service, elimination of free on-street commuter parking, elimination of free parking by private employers, parking surcharge, inspection of vehicles, dry cleaning solvent use, and gasoline vapor recovery, with the exceptions set forth in §§ 52.2424, 52.2427, 52.2430, 52.2431, 52.2435, and 52.2436. Rectifying provisions are promulgated in this subpart.

(c) With the exceptions set forth in this subpart, the Administrator approves Virginia's plan for the attainment and maintenance of national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds that the plan satisfies all requirements of Part D, Title I, of the Clean Air Act as amended in 1977, except as noted below in § 52.2431. In addition, continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal, by each subsequent January following January 1980, of additional RACT requirements for sources covered by CTGs issued by the previous January.

(d) The portion of the January 11, 1979 SIP submittal pertaining to Smyth County is not approved, pending a possible redesignation of the area to attainment status.

(e) The requirements of § 51.22 are not met with respect to section 4.55(b) of the Virginia regulations, because the regulation is not adequately enforceable. Therefore, section 4.55(b) is disapproved.

(f) Section 4.02(a)(3) of Part IV of the Virginia Regulations for the Control and Abatement of Air Pollution is not considered part of the Applicable plan because it contradicts a previously approved section of the SIP.

(g) Section 4.31(d)(3) of Part IV of the Virginia Regulations for the Control and Abatement of Air Pollution is not considered part of the applicable plan because the substitute criteria, listed in section 4.31(d)(3), contain inherent variations in quality control which do not present an accurate representation of collection efficiency.

(42 U.S.C. 7401-7462)

[38 FR 33724, Dec. 6, 1973, as amended at 39 FR 41254, Nov. 26, 1974; 45 FR 85749, Dec. 30, 1980; 46 FR 22583, Apr. 20, 1981]

§ 52.2424 General requirements.

(a) The requirements of § 51.10(b) of this chapter are not met because the plan does not provide for attainment and maintenance of the national standards for carbon monoxide and photochemical oxidants (hydrocarbons) as expeditiously as practicable, as evidenced by the State's failure to propose sufficient interim control measures to be implemented during the 2-year period for which an extension to attain the national standards was requested.

(42 U.S.C. 7401)

[38 FR 16568, June 22, 1973, as amended at 43 FR 38703, Aug. 30, 1978]

§ 52.2425 Control of asphalt paving material.

(a) Notwithstanding any provisions to the contrary in the Virginia State Implementation Plan, the Virginia Department of Highways and Transportation shall limit its use of cutback asphalts such that:

(1) The total use of cutback asphalts shall not exceed 10% of the total liquid asphalt used in construction and maintenance operations; and

(2) The total use of cutback asphalts in the Richmond, Suffolk and Fredericksburg Highway Districts shall not exceed 4,850 tons per year; and

(3) Emphasis on cutback usage reductions shall be during late spring, summer, and early fall months.

(b) The Virginia Department of Highways and Transportation is required to submit to the Virginia State Air Pollution Control Board, on a quarterly basis, for each of the affected Districts the number of gallons of each class of asphalt used. Copies of all reports must also be forwarded to EPA, Region III.

[45 FR 6942, Jan. 31, 1980]

§ 52.2426 Hampton Roads Energy Co.

(a) The permit issued by the Virginia State Air Pollution Control Board on August 8, 1978 as amended on October 3 and 4, 1979 is hereby incorporated by reference.

(b) Nonmethane hydrocarbon emissions from the HREC refinery in Portsmouth, Virginia are not to exceed a total of 1293 tons per year.

(c) Nonmethane hydrocarbon emissions from the HREC terminal in Portsmouth, Virginia are not to exceed a total of 176.5 tons per year.

[45 FR 6942, Jan. 31, 1980]

§ 52.2427 Source surveillance.

(a)-(b) [Reserved]

(c) The requirements of § 51.19(d) of this chapter are not met because the plan does not provide procedures for determining actual emission reductions achieved as a result of implementing the proposed transportation control measures. Rectifying provisions are promulgated in this section.

(d) *Monitoring transportation sources.* (1) This section is applicable to the Commonwealth of Virginia.

(2) In order to assure the effectiveness of the inspection and maintenance program approved in § 52.2423 and required by § 52.2441, and the retrofit devices required under §§ 52.2444, 52.2445, 52.2446, and 52.2447 the Commonwealth shall monitor the actual per-vehicle emissions reductions occurring as a result of such measures. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the Commonwealth of Virginia in accordance with § 58.35 of this chapter. The first quarterly report shall cover the period January 1 to March 31, 1976.

(3) In order to assure the effective implementation of the car pool locator, express bus lanes, increased bus fleet and service, elimination of free on-street commuter parking, elimination of free employee parking, and the parking surcharge approved in § 52.2423, the Commonwealth shall monitor vehicle miles traveled and average vehicle speeds for each area in which such sections are in effect and during such time periods as may be appropriate to evaluate the effectiveness of such a program. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the Commonwealth of Virginia in accordance with § 58.35 of this chapter. The first quarterly report shall cover the period from July 1 to September 30, 1974. The vehicle miles traveled and vehicle speed data shall be collected on a monthly basis and submitted in a format similar to Table 1.

TABLE 1

Time period ....

Affected area ....

Roadway type	VMT or average vehicle speed	
	Vehicle type (1)	Vehicle type (2)[1]
Freeway		
Arterial		
Collector		
Local		

[1] Continue with other vehicle types as appropriate.

(4) No later than March 1, 1974, the Commonwealth shall submit to the Administrator a compliance schedule to implement this section. The program description shall include the following:

(i) The agency or agencies responsible for conducting, overseeing, and maintaining the monitoring program.

(ii) The administrative procedures to be used.

(iii) A description of the methods to be used to collect the emission data, VMT data, and vehicle speed data; a description of the geographical area to which the data apply; identification of the location at which the data will be collected; and the time periods during which the data will be collected.

(Secs. 110, 301(a), 313, 319, Clean Air Act (42 U.S.C. 7410, 7601(a), 7613, 7619))

[37 FR 10898, May 31, 1972, as amended at 37 FR 15091, July 27, 1972; 38 FR 16568, June 22, 1973; 38 FR 33724, Dec. 6, 1973; 44 FR 27571, May 10, 1979]

§ 52.2428 Request for 2-year extensions.

(a) Virginia's request under § 51.30 of this chapter for carbon monoxide in the State Capital and Hampton Roads Intrastate Regions are not applicable since the national standards are presently being attained.

(b) Virginia's requests under § 51.30 of this chapter for photochemical oxidants in the State Capital and Hampton Roads Intrastate Regions are not applicable since the plan demonstrates that the national standards will be attained by January 1975.

[37 FR 10898, May 31, 1972, as amended at 41 FR 35676, Aug. 24, 1976]

§ 52.2429 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Virginia's plan, except where noted.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Eastern Tennessee-Southwestern Virginia Interstate	a	a	b	b	e	e	e
Valley of Virginia Intrastate:							
a. Roanoke County, Roanoke City and Salem City	a	a	e	e	e	e	[1]f
b. Remainder of AQCR	a	a	e	e	e	e	e

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Central Virginia Intrastate	a	a	e	e	e	e	e
Northeastern Virginia Intrastate:							
a. Stafford County	a	a	e	e	e	e	[1]f
b. Remainder of AQCR	a	a	e	e	e	e	e
State Capital Intrastate:							
a. Richmond City, Henrico County, and Chesterfield County	a	c	e	e	e	e	[2]g
b. Remainder of AQCR	a	c	e	e	e	e	e
Hampton Roads Intrastate:							
a. Cities of Chesapeake, Norfolk, Portsmouth, Suffolk, Virginia Beach, Newport News, and Hampton	a	a	d	b	e	e	[2]f
b. Remainder of AQCR	a	a	d	b	e	e	e
National Capital Interstate:							
a. Alexandria, Arlington City, and areas of high traffic density in Fairfax County	a	a	b	b	e	[3]f	[3]g
b. Remainder of AQCR	a	a	b	b	d	d	[3]g

NOTE: Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was unacceptable.

a. June 1975.
b. June 1972.
c. July 1975.
d. Air quality levels presently below primary standards.
e. Air quality levels presently below secondary standards.
f. December 31, 1982.
g. December 31, 1987.

Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are provided as numeric footnotes in this chart (40 CFR 52.2429, 1978).

[1] Air quality levels previously below secondary standard.
[2] The previous attainment date was January 1975.
[3] The previous attainment date was May 31, 1977.

[37 FR 10898, May 31, 1972, as amended at 37 FR 15091, July 27, 1972; 38 FR 12702, May 14, 1973; 38 FR 16568, June 22, 1973; 38 FR 33724, Dec. 6, 1973; 39 FR 16347, May 8, 1974; 39 FR 22947, June 25, 1974; 45 FR 55196, Aug. 19, 1980]

§ 52.2430 Legal authority.

(a) The requirements of § 51.11(c) of this chapter are not fully met because the plan does not adequately identify or provide copies of all laws or regulations necessary for implementing the transportation control measures.

(b) The requirements of § 51.11(f) of this chapter are not fully met because it is not clearly demonstrated that all local agencies have requisite legal authority, or that the State retains responsibility for implementing the transportation control measures.

(42 U.S.C. 7401)

[38 FR 33724, Dec. 6, 1973, as amended at 43 FR 38703, Aug. 30, 1978]

§ 52.2431 Control Strategy: Carbon Monoxide and Ozone.

(a) The requirements of § 51.14(a)(1)(b) and (c) of this chapter are not met because the approvable measures in the transportation control plan are not adequate to attain the national standards in the National Capital region. Inadequate technical justification was provided for the claimed reductions in aircraft emissions, and no strategies were provided for these reductions.

(b) The requirements of § 51.14(a)(2)(iii) of this chapter are not fully met with respect to the expansion of the bus fleet and service because of lack of detail or agreements which will result in the expansion.

(c) The requirements of § 51.14(a)(2)(iv) of this chapter are not fully met because of the lack of an adequate schedule for bus acquisitions, for elimination of employee free parking, and for elimination of free on-street commuter parking.

(d) The requirements of § 51.14(c) of this chapter are not met with respect to gasoline vapor controls to the extent that Virginia's vapor recovery—stage I regulation may exempt sources subject to control under § 52.2438 of this part.

(42 U.S.C. 7401-7462)

[38 FR 33724, Dec. 6, 1973, as amended at 43 FR 39367, Sept. 5, 1978; 45 FR 55196, Aug. 19, 1980; 46 FR 57284, Nov. 23, 1981]

§ 52.2432 [Reserved]

§ 52.2433 Intergovernmental cooperation.

(a) The requirements of § 51.21 of this chapter are not met because the plan does not adequately identify the State and local agencies, and their responsibilities, involved in carrying out the proposed transportation control measures.

[38 FR 16569, June 22, 1973]

§ 52.2434 [Reserved]

§ 52.2435 Compliance schedules.

(a) The compliance schedules for the sources listed below are approved as meeting the requirements of §§ 51.6 and 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	State regulation(s) involved	Date of adoption	Effective date	Final compliance date
Adams Construction Co	Dickensonville	4.04	Oct. 31, 1974	Immediately	May 15, 1975.
Do	St. Paul	4.04	Sept. 5, 1974	do	Apr. 1, 1975.
American Cyanamid Co	Damascus	4.03	June 13, 1974	do	June 30, 1975.
American Filtron Corp	Richmond	4.02	Dec. 10, 1974	do	Apr. 30, 1975.
American Furniture Co	Martinsville	4.04.01	June 27, 1974	do	May 31, 1975.
Appalachian Power Co	Glen Lyn	4.02, 4.03	Nov. 7, 1974	do	Apr. 30, 1975.
Bassett Furniture Industry, Inc	Bassett	4.04.01(b)(9)	June 25, 1974	do	June 30, 1975.
Do	Burkeville	4.02, 4.03, 4.04	do	do	Do.
Brenco, Inc	Petersburg	4.02.01, 4.04.01(b)(10).	Dec. 19, 1974	do	Apr. 30, 1975.
Burlington Industries	Altavista	4.02.01, 4.03.01	June 21, 1974	do	June 30, 1975.
Do	Clarkesville	4.03.01	June 24, 1974	do	Do.
Do	Glasgow	4.02.01	Sept. 9, 1974	do	June 1, 1975.
Burruss Land and Lumber Co	Brookneal	4.04	June 25, 1974	do	June 30, 1975.
Cargill, Inc	Chesapeake	4.04.01, 4.04.02	June 28, 1974	do	Do.
Chessie System	Richmond	4.02, 4.03	Nov. 8, 1974	do	Do.
Chesterfield Public Schools	Chesterfield County.	4.07	June 28, 1974	do	Do.
Citadel Cement Corp	Cloverdale	Section IV (rule 4).	June 19, 1974	do	Do.
City of Norfolk Incinerator	Norfolk-Lambert's Point.	4.07	June 26, 1974	do	Do.
Clinch River Quarries	Russell County	4.04	Oct. 31, 1974	do	Apr. 30, 1975.
Continental Can Co	Hopewell	4.01, 4.02, 4.03, 4.05.	July 1, 1974	do	June 5, 1975.
Continental Grain Co	Norfolk	4.04.02	June 26, 1974	do	Mar. 5, 1975.
Dan River Mills, Dan River Knits	Danville	4.02	June 24, 1974	do	June 30, 1975.
Dan River Mills, Riverside Division.	do	4.02	do	do	Do.
Dixie Manufacturing Co	Norfolk	4.02, 4.04	June 27, 1974	do	Apr. 10, 1975.
Dow Badische Co	Williamsburg	4.07.03	June 26, 1974	do	June 30, 1975.
V. M. Draper Manufacturing Co., Inc.	Martinsville	4.03, 4.04	June 27, 1974	do	June 15, 1975.
Emporia Foundry Co	Emporia	4.02.01, 4.04.01(b)(10).	June 28, 1974	do	Apr. 1, 1975.
Evans Products Co	Doswell	4.04.01(b)(9), 4.02.01, 4.03.01.	July 2, 1974	do	Apr. 15, 1975.
Felton Brothers Transit Mix, Inc	Ontario	4.04	July 1, 1974	do	June 30, 1975.
Franklin Veneer Co	Rocky Mount	4.03.01	June 24, 1974	do	Do.

Source	Location	State regulation(s) involved	Date of adoption	Effective date	Final compliance date
Gold Bond Building Products	Kimballton	Section IV (rule 4).	June 19, 1974	do	Do.
Gold Kist, Inc., Plant No. 1	Suffolk	4.02.01, 4.04.01	June 26, 1974	do	Do.
Gold Kist, Inc., Plant No. 2	do	4.04.01	do	do	May 31, 1975.
Graham-White Manufacturing Co	Salem	4.04	Jan. 7, 1975	do	June 30, 1975.
Gravely Furniture Co	Ridgeway	4.04	June 24, 1974	do	Do.
Guyer-Roberts Manufacturing Division, Franklin Veneer Co.	Rocky Mount	4.03.01	June 27, 1974	do	Do.
Halifax Cotton Mills, Inc	South Boston	4.02.01, 4.03.01	June 21, 1974	do	Do.
Hampton Hardwood	Newport News	4.04	Nov. 15, 1974	do	June 1, 1975.
Henry County Plywood Corp	Ridgeway	4.02, 4.03, 4.04	Sept. 9, 1974	do	June 30, 1975.
Hooker Furniture Co	Martinsville	4.02, 4.03, 4.04	June 27, 1974	do	Do.
Hoover Color Corp	Hiwassee	4.04	Oct. 31, 1974	do	June 1, 1975.
Imperial Briquet Corp	Kenbridge	4.02.01	June 25, 1974	do	June 30, 1975.
James River Hydrate & Supply Co.	Swords Creek	4.04	Sept. 6, 1975	do	Apr. 1, 1975.
Kittinger Old Dominion	Richmond	4.02.01, 4.03.01	June 28, 1974	do	Apr. 15, 1975.
The Lane Corp	Altavista	4.02.01, 4.03.01, 4.04.01.	June 27, 1974	do	Apr. 30, 1975.
Lea Industries	Richmond	4.03	Oct. 29, 1974	do	May 31, 1975.
Lee Hy Paving Corp	Port Royal	4.02, 4.04	June 26, 1974	do	Apr. 15, 1975.
Do	Rockville	4.04.01(b)(2)	July 1, 1974	do	May 15, 1975.
Lester Forest Products	Martinsville	4.02.01, 4.03.01, 4.04.01.	June 21, 1974	do	Do.
Lone Jack Limestone Co., Inc	Glasgow	4.04	Dec. 11, 1974	do	Apr. 15, 1975.
Lone Star Industries, Campostella Plant.	Norfolk	4.04.01, 4.04.02	June 28, 1974	do	May 15, 1975.
Lorton Reformatory	Lorton	4.702.01, 4.703.01.	June 27, 1974	do	June 23, 1975.
MW Manufacturers	Rocky Mount	4.03.01, 4.04.01	June 24, 1974	do	June 30, 1975.
John Marshall Hotel	Richmond	4.03.01, 4.02.01	July 1, 1974	do	Do.
Miller Manufacturing Co., Inc	do	4.02, 4.03, 4.04.01(b)(9).	July 2, 1974	do	Do.
Merck & Co	Elkton	Section IV (rule 2, 3, 5).	June 20, 1974	do	May 31, 1975.
Mouldings, Inc	Marion	4.02.00, 4.04.01(b)(9).	June 19, 1974	do	Feb. 28, 1975.
Naval Weapons Station	Yorktown	4.04.01	June 28, 1977	do	June 30, 1975.
Newport News Shipbuilding and Dry Dock Co.	Newport News	4.04, 4.07	June 27, 1974	do	Do.
Norfork Naval Shipyard	Portsmouth	4.02, 4.04, 4.07	June 26, 1974	do	Do.
O.K. Foundry Co., Inc	Richmond	4.02.01, 4.04.01(b)(10).	June 28, 1974	do	June 1, 1975.
Old Dominion Fiber Co	Doswell	4.01.03(b)	Sept. 10, 1974	do	June 30, 1975.
Old Dominion Plywood Co	Bristol	4.03.00	June 18, 1974	do	Do.
Ossit, Inc	Bluefield	4.02.01(a)(2)	Dec. 23, 1974	do	Apr. 20, 1975.
Premier Millwork and Lumber Co	Virginia Beach	4.04	Jan. 9, 1975	do	June 1, 1975.
Pond Bros. Peanut Co	Suffolk	4.02.01, 4.03.01	June 26, 1974	do	June 30, 1975.
Pulaski Furniture Co	Pulaski	4.02, 4.04	June 27, 1974	do	Do.
Reynolds Metals Co	Bellwood Plant	4.04.01(b)(10), 4.02.01.	June 28, 1974	do	Apr. 15, 1975.
Reynolds Metals Co	Bellwood Smelting Plant.	4.04.01(b)(10), 4.02.01.	July 2, 1974	do	Do.
Richmond Guano Co	Henrico	4.04.01(b)(3)	July 1, 1974	do	June 30, 1975.
Richmond Lumber & Building Supply Co.	Richmond	4.02.01, 4.03.01	June 27, 1974	do	May 1, 1975.
Richmond Public Schools	Bellevue	4.02.01	July 2, 1974	do	May 31, 1975.
Do	Bainbridge	4.02.01	do	do	Do.
Do	Fairmount	4.02.01	do	do	Do.
Do	Oak Grove	4.02.01	do	do	Do.
Do	Stonewall Jackson.	4.02.01	do	do	Do.
Charles D. Roberts Co	Kenbridge	4.02.01, 4.04.02	June 26, 1974	do	June 30, 1975.
Southside Manufacturing Corp	Danville	4.02, 4.03	June 21, 1974	do	Do.
Strickland Foundry & Machinery Co.	Richmond	4.02, 4.04	Sept. 16, 1974	do	May 15, 1974.
Suffolk Lumber Co	Suffolk	4.02, 4.03	June 28, 1974	do	June 30, 1975.
Templeton & Sons	Lynchburg	4.04	Oct. 30, 1974	do	Apr. 1, 1975.

Source	Location	State regulation(s) involved	Date of adoption	Effective date	Final compliance date
Stuart Lumber Corp.	Stuart	4.04.01(b)(9)	June 25, 1974	do	June 30, 1975.
Stuart M. Perry	Winchester	4.04	Dec. 19, 1974	do	Apr. 30, 1975.
Star Paper Tube, Inc	Danville	4.07	June 26, 1974	do	June 30, 1975.
Southern Johns-Manville Products Corp.	Jarratt	4.02.01, 4.03.01	July 1, 1974	do	Do.
Tidewater Crushed Stone & Asphalt Co. (I-95 asphalt plant).	Richmond	4.04	Sept. 10, 1975	do	Do.
Tidewater Crushed Stone & Asphalt Co. (I-95 crushed stone plant).	do	4.04	do	do	Do.
Tidewater Crushed Stone & Asphalt Co.	Henrico County	4.04	Sept. 9, 1974	do	Apr. 1, 1975.
Union Camp Corp.	Franklin	4.02, 4.03, 4.04	June 27, 1974	do	June 30, 1975.
U.S. Gypsum Co	Saltville	4.04.01(b)(5), 4.04.02, 4.04.01.	June 20, 1974	do	Apr. 30, 1975.
Do	do	4.04.01(b)(5), 4.04.02, 4.04.01.	Dec. 11, 1974	do	June 30, 1975.
U.S. Navy Public Works Center	Norfolk	4.02	June 27, 1974	do	Mar. 30, 1975.
U.S. Plywood	South Boston	4.04	Jan. 9, 1975	do	June 30, 1975.
University of Virginia	Charlottesville	4.07	June 26, 1974	do	Apr. 30, 1975.
Vaughn Furniture Co	Galax	4.04	Sept. 5, 1974	do	May 30, 1975.
Vaughn-Bassett Furniture Co.	do	4.04.01(b)(9)	June 19, 1974	do	June 30, 1975.
Virginia Asphalt Paving Co	Riverton	4.02	Jan. 8, 1975	do	Apr. 15, 1975.
Virginia Foundry Co.	Roanoke	4.02, 4.04	June 20, 1974	do	June 30, 1975.
Virginia House Furniture Corp	Atkins	4.02, 4.04.01(b)(9).	Jan. 7, 1975	do	Apr. 30, 1975.
Virginia Lime Co	Kimballton	Section IV (rules 2, 4).	June 20, 1974	do	June 30, 1975.
Virginia Woodworking Co	Bristol	4.03.00, 4.04.01(b).	June 19, 1974	do	Do.
W. S. Frey Co	Clearbrook	4.04.01	June 21, 1974	do	June 30, 1975.
Washington Weaving Co	Fries	4.02	Nov. 7, 1974	do	Apr. 30, 1975.
Weaver Fertilizer Co	Norfolk	4.04.02, 4.04.01(a)(1), 4.04.01(b)(3).	June 28, 1974	do	June 30, 1975.
Webb Furniture Co	Galax	4.04	Oct. 30, 1974	do	Do.
Weblite Corp	Roanoke	4.04.01(b)(11)	June 27, 1974	do	Do.
Westvaco Corp. (Chemical Plant).	Covington	4.04, 4.07	do	do	June 15, 1975.
William Byrd Motor Hotel	Richmond	4.03.01, 4.02.01	July 1, 1974	do	June 30, 1975.
Wonderknit Corp	Galax	4.03	Oct. 30, 1974	do	Mar. 15, 1975.
Zapata Haynie Corp	Reedville	4.04	June 25, 1974	do	June 30, 1975.

(b) With respect to the Eisenhower Avenue Municipal Incinerator, Alexandria, Va.:

(1) The City of Alexandria (hereafter referred to as "City") is required to purchase the following refuse collection equipment or implement the following objects by the dates specified in order to gradually reduce incinerator throughput:

(i) July 1, 1978—purchase of two tractors, two trailers, and the continued implementation of a promotional campaign for a recycling program.

(ii) July 1, 1979—Purchase of two additional tractors, two additional trailers and the implementation of additional promotion for a recycling program.

(iii) December 31, 1979—Closure of the incinerator.

(2) Waste Materials will not exceed throughput level of 300 tons per day.

(3) The incinerator will be maintained in good working condition until it is closed.

(4) Brush, cardboard and overwet materials which might exacerbate emissions will be removed from trash to be burned in the incinerator and hauled to the I-95 landfill at Lorton. This selected burning process will be continued until closure of the incinerator.

(5) The City will regularly submit quarterly reports to EPA and the Commonwealth of Virginia containing information related to progress under

the compliance schedule EPA will be notified if the compliance schedule which leads to the development of the refuse derived fuel (RDF) program is not being met.

(6) The City guarantees that closure of the incinerator will not be delayed because of an inability to implement an RDF program.

(42 U.S.C. 7401-7462)

[40 FR 33450, Aug. 8, 1975, and 42 FR 58406, Nov. 9, 1977, as amended at 47 FR 19525, May 6, 1982]

§ 52.2436 Rules and regulations.

(a) The requirements of § 51.22 are not met because regulations have not been adopted and submitted for the stationary source measures aimed at reducing gasoline handling and dry cleaning losses. Substitute regulations are promulgated in §§ 52.2438, 52.2439, and 52.2440.

(b) The requirements of § 51.22 are not met with respect to Section 4.55 (b) of the Virginia regulations, because the regulation is not adequately enforceable. Therefore, Section 4.55(b) is disapproved.

[38 FR 33725, Dec. 6, 1973, as amended at 45 FR 55197, Aug. 19, 1980]

§ 52.2437 [Reserved]

§ 52.2438 Gasoline transfer vapor control.

(a) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater.

(b) This section is applicable in the Virginia portion of the National Capital Interstate AQCR.

(c) No person shall transfer gasoline from any delivery vessel into any stationary storage container with a capacity greater than 250 gallons unless the displaced vapors from the storage container are processed by a system that prevents release to the atmosphere of no less than 90 percent by weight of organic compounds in said vapors displaced from the stationary container location.

(1) The vapor recovery portion of the system shall include one or more of the following:

(i) A vapor tight return line from the storage container to the delivery vessel and a system that will ensure that the vapor return line is connected before gasoline can be transferred into the container.

(ii) Refrigeration-condensation system or equivalent designed to recover no less than 90 percent by weight of the organic compounds in the displaced vapor.

(2) If a "vapor-tight vapor return" system is used to meet the requirements of this section, the system shall be so constructed as to be readily adapted to retrofit with an adsorption system, refrigeration-condensation system, or equivalent vapor removal system, and so constructed as to anticipate compliance with § 52.2439.

(3) The vapor-laden delivery vessel shall be subject to the following conditions:

(i) The delivery vessel must be so designed and maintained as to be vapor-tight at all times.

(ii) The vapor-laden delivery vessel may be refilled only at facilities equipped with vapor recovery systems or the equivalent, which can recover at least 90 percent by weight of the organic compounds in the vapors displaced from the delivery vessel during refilling.

(iii) Gasoline storage compartments of one thousand gallons or less in gasoline delivery vehicles presently in use on the promulgation date of this regulation will not be required to be retrofitted with a vapor return system until January 1, 1977.

(iv) Facilities which have a daily throughput of 20,000 gallons of gasoline or less are required to have a vapor recovery system in operation no later than May 31, 1977. Delivery vessels and storage containers served exclusively by facilities required to have a vapor recovery system in operation no later than May 31, 1977, also are required to meet the provisions of this section no later than May 31, 1977.

(d) The provisions of paragraph (c) of this section shall not apply to the following:

(1) Stationary containers having a capacity less than 550 gallons used exclusively for the fueling of implements of husbandry.

(2) Any container having a capacity less than 2,000 gallons installed prior to promulgation of this section.

(3) Transfers made to storage tanks equipped with floating roofs or their equivalent.

(4) Any stationary container at any facility where the average monthly throughput (one-twelfth of the total throughput for the preceding 12 months) equals or exceeds 20,000 gallons per month and which is subject to Virginia Regulation 4.52(e).

(e) Every owner or operator of a stationary storage container or delivery vessel subject to this section shall comply with the following compliance schedule:

(1) June 1, 1974—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the provisions of paragraph (c) of this section.

(2) March 1, 1975—Negotiate and sign all necessary contracts for emission control systems, or issue orders for the purchase of component parts to accomplish emission control.

(3) May 1, 1975—Initiate on-site construction or installation of emission control equipment.

(4) February 1, 1976—Complete on-site construction or installation of emission control equipment.

(5) March 1, 1976—Assure final compliance with the provisions of paragraph (c) of this section.

(6) Any owner or operator of sources subject to the compliance schedule in this paragraph shall certify to the Administrator, within 5 days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(f) Paragraph (e) of this section shall not apply:

(1) To a source which is presently in compliance with the provisions of paragraph (c) of this section and which has certified such compliance to the Administrator by June 1, 1974. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator submits to the Administrator, by June 1, 1974, a proposed alternative schedule. No such schedule may provide for compliance after March 1, 1976. Any such schedule shall provide for certification to the Administrator, within 5 days after the deadline for each increment therein, as to whether or not that increment has been met. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(g) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (e) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(h) Any gasoline dispensing facility subject to this section which installs a storage tank after the effective date of this section shall comply with the requirements of paragraph (c) of this section by March 1, 1976, and prior to that date shall comply with paragraph (e) of this section as far as possible. Any facility subject to this section which installs a storage tank after March 1, 1976, shall comply with the requirements of paragraph (c) of this section at the time of installation.

(42 U.S.C. 7401)

[38 FR 33726, Dec. 6, 1973, as amended at 39 FR 4882, Feb. 8, 1974; 39 FR 41253, Nov. 26, 1974; 42 FR 29005, June 7, 1977; 43 FR 39367, Sept. 5, 1978]

§ 52.2439 Control of evaporative losses from the filling of vehicular tanks.

(a) "Gasoline" means any petroleum distillate having a Reid vapor pressure of 4 pounds or greater.

(b) This section is applicable in the Virginia portion of the National Capital Interstate AQCR.

(c) A person shall not transfer gasoline to an automotive fuel tank from a gasoline dispensing system unless the transfer is made through a fill nozzle designed to:

(1) Prevent discharge of hydrocarbon vapors to the atmosphere from either the vehicle filler neck or dispensing nozzle;

(2) Direct vapor displaced from the automotive fuel tank to a system wherein at least 90 percent by weight

of the organic compounds in displaced vapors are recovered; and

(3) Prevent automotive fuel tank overfills or spillage on fill nozzle disconnect.

(d) The system referred to in paragraph (c) of this section may consist of a vapor-tight return line from the fill nozzle-filler neck interface to the dispensing tank or to an adsorption, absorption, incineration, refrigeration-condensation system or its equivalent.

(e) Components of the systems required by § 52.2439 may be used for compliance with paragraph (c) of this section.

(f) If it is demonstrated to the satisfaction of the Administrator that it is impractical to comply with the provisions of paragraph (c) of this section as a result of vehicle fill neck configuration, location, or other design features of a class of vehicles, the provisions of this section shall not apply to such vehicles. However, in no case shall such configuration exempt any gasoline dispensing facility from installing and using in the most effective manner a system required by paragraph (c) of this section.

(g) Every owner or operator of a gasoline dispensing system subject to this section shall comply with the following compliance schedule:

(1) June 1, 1974—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the provisions of paragraph (c) of this section.

(2) November 1, 1974—Negotiate and sign all necessary contracts for emission control systems, or issue orders for the purchase of component parts to accomplish emission control.

(3) January 1, 1975—Initiate on-site construction or installation of emission control equipment.

(4) May 1, 1977—Complete on-site construction installation of emission control equipment or process modification.

(5) May 31, 1977—Assure final compliance with the provisions of paragraph (c) of this section.

(6) Any owner or operator of sources subject to the compliance schedule in this paragraph shall certify to the Administrator, within 5 days after the deadline for each increment of prograss, whether or not the required increment of progress has been met.

(h) Paragraph (g) of this section shall not apply:

(1) To a source which is presently in compliance with the provisions of paragraph (c) of this section and which has certified such compliance to the Administrator by June 1, 1974. The Administrator may request whatever supporting information he considers necessary for proper certification.

(2) To a source for which a compliance schedule is adopted by the State and approved by the Administrator.

(3) To a source whose owner or operator submits to the Administrator, by June 1, 1974, a proposed alternative schedule. No such schedule may provide for compliance after May 31, 1977. Any such schedule shall provide for certification to the Administrator, within 5 days after the deadline for each increment therein, as to whether or not that increment has been met. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(i) Nothing in this section shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (g) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(j) Any gasoline dispensing facility subject to this section which installs a gasoline dispensing system after the effective date of this section shall comply with the requirements of paragraph (c) of this section by May 31, 1977, and prior to that date shall comply with paragraph (g) of this section as far as possible. Any facility subject to this section which installs a gasoline dispensing system after May 31, 1977, shall comply with the requirements of paragraph (c) of this section at the time of installation.

[38 FR 33726, Dec. 6, 1973, as amended at 39 FR 4882, Feb. 8, 1974]

NOTE: The compliance date was deferred indefinitely at 40 FR 1127, Jan. 6, 1975.

§ 52.2440 Control of dry cleaning solvent evaporation.

(a) Definitions:

(1) "Dry cleaning operation" means that process by which an organic solvent is used in the commercial cleaning of garments and other fabric materials.

(2) "Organic solvents" means organic materials, including diluents and thinners, which are liquids at standard conditions and which are used as dissolvers, viscosity reducers, or cleaning agents.

(3) "Photochemically reactive solvent" means any solvent with an aggregate of more than 20 percent of its total volume composed of the chemical compounds classified below or which exceeds any of the following individual percentage composition limitations, as applied to the total volume of solvent.

(i) A combination of hydrocarbons, alcohols, aldehydes, esters, ethers, or ketones having an olefinic or cyclo-olefinic type of unsaturation: 5 percent;

(ii) A combination of aromatic compounds with 8 or more carbon atoms to the molecule except ethylbenyenl: 8 percent;

(iii) A combination of ethylbenyene or ketones having branched hydrocarbon structures, trichloroethylene or toluene: 20 percent.

(b) This section is applicable to the Virginia portion of the National Capital Interstate Region.

(c) No person shall operate a dry cleaning operation using other than perchloroethylene, 1,1,1-trichloroethane, or saturated halogenated hydrocarbons unless the uncontrolled organic emissions from such operation are reduced at least 85 percent; provided, that dry cleaning operations emitting less than 8 pounds per hour and less than 40 pounas per day of uncontrolled organic materials are exempt from the requirement of this section.

(d) If incineration is used as a control technique, 90 percent or more of the carbon in the organic emissions being incinerated must be oxidized to carbon dioxide.

(e) Any owner or operator of a source subject to this section shall achieve compliance with the requirements of paragraph (c) of this section by discontinuing the use of photochemically reactive solvents no later than January 31, 1974, or by controlling emissions as required by paragraphs (c) and (d) of this section no later than May 31, 1975.

[38 FR 33727, Dec. 6, 1973]

§§ 52.2441—52.2447 [Reserved]

§ 52.2448 Review of new sources and modifications.

(a) Because of the late submission of Virginia's plan for review of new or modified indirect sources, the public has not had adequate opportunity to comment on its approvability. Therefore, the Administrator disapproves this portion of the plan pending completion of the public comment period and the Administrator's evaluation of the plan.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Virginia.

[39 FR 7284, Feb. 25, 1974]

§ 52.2449 Maintenance of national standards.

(a) The areas listed below, which were identified by the State of Virginia, are hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Hampton-Newport News Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Gloucester County, James City County, York County, Hampton City, Newport News City, Williamsburg City.

(2) Lynchburg Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Amherst County, Appomattox County, Campbell County, Lynchburg City.

(3) National Capital Interstate Air Quality Maintenance Area (Virginia Portion).

(i) Pollutants for which the area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of area:

Arlington County, Fairfax County, Loudoun County, Prince William County, Alexandria City, Fairfax City, Falls Church City.

(4) Norfolk-Portsmouth-Virginia Beach Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Chesapeake City, Norfolk City, Portsmouth City, Suffolk City, Virginia Beach City.

(5) Petersburg-Colonial Heights-Hopewell Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Prince George County, Dinwiddie County, Petersburg City, Colonial Heights City, Hopewell City.

(6) Richmond Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Charles City County, Chesterfield County, Goochland County, Hanover County, Henrico County, Powhatan County, Richmond City.

(7) Roanoke Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Botetourt County, Craig County, Roanoke County, Roanoke City, Salem City.

[40 FR 41953, Sept. 9, 1975; 40 FR 45817, Oct. 3, 1975]

§ 52.2450 [Reserved]

§ 52.2451 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Virginia.

(c) Pursuant to 40 CFR 52.21(u) full delegation of authority for all portions of the Federal PSD program, as described in 40 CFR 52.21, was relinquished to the Commonwealth of Virginia as of June 3, 1981. All applications submitted as of that date and supporting information required pursuant to § 52.21 from sources located in the Commonwealth of Virginia shall be submitted to: Division of Compliance, State Air Pollution Control Board, Commonwealth of Virginia, Room 1116, Ninth Street Office Building, Richmond, Virginia 23214.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980; 46 FR 33524, June 30, 1981; 47 FR 28373, June 30, 1982]

Subpart WW—Washington

§ 52.2470 Identification of plan.

(a) Title of plan: "A Plan for the Implementation, Maintenance and Enforcement of National Ambient Air Quality Standards in the State of Washington."

(b) The plan was officially submitted on January 28, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Contingency request for a two year extension for carbon monoxide and nitrogen dioxide in the Puget Sound Intrastate Region and for carbon monoxide in the Eastern Washington-Northern Idaho Interstate Region submitted on January 28, 1972, by the Governor.

(2) Request for a two year extension, delegation of legal authority and amendments to the implementation plan submitted on May 5, 1972, by the Governor.

(3) Notices of public hearings and certifications that hearings were held regarding implementation plan matters submitted on July 18, 1972, by the Department of Ecology.

(4) Clarifying submission (Non-regulatory) to the implementation plan submitted on September 11, 1972, by the Governor.

(5) Compliance schedules submitted on December 12, 1972, by the Washington Department of Ecology.

(6) Compliance schedules, revisions to WAC 18-04, 18-12 and 18-40, and a new regulation WAC 18-06 submitted on February 15, 1973, by the Governor.

(7) Transportation control plan submitted on April 13, 1973, by the Governor.

(8) Revisions to the transportation control plan submitted on May 31, 1973, by the Governor.

(9) Compliance schedules submitted on July 25, 1973, by the Department of Ecology.

(10) Indirect source plan submitted on October 11, 1973, by the Department of Ecology.

(11) Indirect source regulation (WAC 18-24) submitted on June 14, 1974, by the Governor.

(12) Air quality maintenance area designation submitted on May 31, 1974, by the Washington Department of Ecology.

(13) Revisions to the State and local agency open burning regulations submitted on September 10, 1973, by the Department of Ecology.

(14) Information regarding the approval of the revised open burning regulations submitted on May 23, 1975, by the Department of Ecology.

(15) Revision to section 9.05(c) of Regulation I of the Olympic Air Pollution Control Authority submitted November 6, 1975 by the Governor.

(16) On June 14, 1974 the State of Washington submitted amendments to WAC 18-24 "State Jurisdiction over Motor Vehicles" to provide for preconstruction review and approval of indirect sources. On June 26, 1975 the Governor submitted further revisions repealing the portion of WAC 18-24 constituting the indirect source review program. On June 5, 1980 EPA removed those portions of WAC 18-24 dealing with indirect source review from the SIP leaving only Sections 020-Definitions and 030-Assumption of Jurisdiction.

(17) On April 4, 1979 the State submitted a request to extend the dates for plan submission for all secondary TSP nonattainment areas. (This request affected the secondary TSP plans submitted April 27, 1979 and, as a result, EPA took no action on the following secondary TSP plans: Kent, Auburn, Port Angeles, Longview, and Seattle (S. Duwamish portion)). On July 30, 1979 (44 FR 4497) EPA approved the extension request.

(18) On April 27, 1979 the Governor submitted an implementation plan revision to satisfy the 1977 amendments to the Clean Air Act for the attainment and maintenance of national ambient air quality standards in all areas of the State. The revision consisted of the following elements:

(i) Applicable Regulations (refer to Table 52.2479)

(A) Department of Ecology (applicable statewide)

(*1*) Chapter 173-400 WAC General Regulation for Air Pollution Sources—All Sections, dated April 26, 1979.

(*2*) Chapter 173-405 WAC, Kraft Pulp Mills, Sections 011; 021; 031 (1), (4), (5) and (6); 036 (1), (2), (4); 061; 071 (2), (3), (4d, e), (5); 076; 081; 101, dated December 29, 1976.

(*3*) Chapter 173-410 WAC, Sulfite Pulp Mills, Sections 011; 021; 031 (1), (4), (5) and (6); 036 (1), (2), (4); 041; 051; 061 (1) thru (8); 066; 081; 091, dated December 29, 1976.

(*4*) Chapter 173-420 WAC, State Jurisdiction over Motor Vehicles—All Sections dated March 29, 1977. (Note: submitted in error; regulation never adopted. WAC 18-24, dated June 18, 1975 remains in the SIP).

(*5*) Chapter 173-425 WAC, Open Burning—All Sections, dated October 24, 1977.

(*6*) Chapter 173-435 WAC, Emergency Episode Plan—All Sections, dated October 31, 1977.

(*7*) Chapter 173-490 WAC, Volatile Organic Compounds—All Sections, dated April 26, 1979.

(*8*) Chapter 18-52 WAC. Primary Aluminum Plants, Sections 010; 016; 021; 031 (2) and (4); 036(1); 050; 061; 071 (1c), (1f), (2); 076; 091; dated July 28, 1976.

(B) Puget Sound Air Pollution Control Agency

(*1*) Regulation I dated December 1974

Article 1
Article 3
Article 6
Article 9—9.02; 9.02A; 9.03; 9.04; 9.05; 9.06; 9.07d; 9.07e; 9.09.

(C) Northwest Air Pollution Control Authority

(*1*) Regulations dated August 9, 1978 Section 455.11

(D) Spokane County Air Pollution Control Authority

(*1*) Regulation II dated January 6, 1975 Article IV, Section 4.01

(ii) Nonattainment Plans for Areas Designated Nonattainment as of September 11, 1979

(A) Seattle area (TSP, CO, O_3)
(B) Tacoma area (TSP, CO, O_3)
(C) Kent area (TSP, CO, O_3)
(D) Auburn area (TSIP, CO, O_3)
(E) Spokane area (TSP, CO)
(F) Clarkston area (TSP)
(G) Port Angeles area (TSP)
(H) Vancouver area (TSP)
(I) Longview area (TSP)
(J) Yakima area (CO)

(iii) Extension of Attainment Dates

(A) Seattle—CO and O_3
(B) Tacoma—O_3

No nonattainment plan was submitted for Vancouver O_3 until June 20, 1979 (see paragraph 18). Also, since the pulp mill and aluminum plant regulations have undergone extensive revisions, they will be resubmitted (see paragraph 23).

On June 5, 1980 (45 FR 37821) EPA published final rulemaking action on the Washington SIP as described below:

(*1*) Approval

(*a*) Yakima CO nonattainment area strategy;

(*b*) Extension of attainment date for CO and O_3 for Seattle-Tacoma nonattainment areas;

(*c*) Inspection and maintenance program;

(*d*) Deletion of WAC 18 06 (Sensitive Areas).

(*2*) Conditional Approval

(*a*) New Source Review (WAC 173-400);

(*b*) Volatile Organic Compounds (WAC 173-490);

(*c*) Other General Regulations Provisions (Combined Emissions: WAC 173-400-040; Source Test Procedures; WAC 173-400-120(3); No Burn Areas: WAC 173-425);

(*d*) Seattle-Tacoma CO nonattainment area strategy;

(*e*) Seattle-Tacoma O_3 nonattainment area strategy; and

(*f*) Vancouver O_3 nonattainment area strategy; and

(*g*) Seattle-Tacoma, Vancouver, Spokane and Clarkston Primary TSP strategies.

(*3*) No Final Action

(*a*) Tacoma SO_2 nonattainment area strategy;

(*b*) Spokane CO nonattainment area strategy;

(*c*) Kraft Pulp Mills: WAC 173-405;

(*d*) Sulfite Pulp Mills: WAC 173-410;

(*e*) Primary Aluminum Plants: WAC 18-52; and

(*f*) Energy Facility Site Evaluation Council Regulations: WAC 463-39.

(*g*) Miscellaneous regulatory provisions, grass seed field burning: WAC 18-16; input sulfur limitation: Puget Sound Air Pollution Control Agency (PSAPCA) Regulation I—Section 9.07(c).

(*h*) Secondary TSP plans (see paragraph 17)

(*4*) Recission

(*a*) Portions of WAC 18-24 dealing with indirect source review

(*b*) All regulations not expressly delineated in paragraph (17) are no longer part of the SIP, except

(*i*) WAC 18-52-031(3): Opacity for Primary Aluminum Plants

(*ii*) PSAPCA Regulation I Section 9.07(c): 90 percent limitation on input sulfur

(19) On June 20, 1979, the Governor submitted the O_3 nonattainment plan for Vancouver and indicated a need for extension of the attainment date beyond 1982. On September 14, 1981, EPA approved the O_3 nonattainment plan.

(20) On August 17, 1979 the Governor submitted regulations for energy sources which are under the jurisdiction of the Energy Facility Site Evaluation Council. These regulations and the program to implement them were incomplete and therefore EPA took no action at that time. This submission was superseded by the July 31, 1980 submission.

(21) On December 21, 1979 the Department of Ecology submitted the Inspection and Maintenance (I/M) legal authority and a detailed schedule to implement the I/M program. The State committed to submitting a re-

vised transportation control plan for Spokane by May 1, 1980. On June 5, 1980 (45 FR 37821) EPA approved the State inspection and maintenance program based on this information.

(22) On April 1, 1980 the Department of Ecology submitted revised regulations for kraft and sulfite pulping mills and primary aluminum plants adopted March 27, 1980. The regulations were revised to include the new source review requirements in section 173 of the Act. EPA published conditional approval of the following portions of these regulations on July 31, 1980:

Chapter 173-405 WAC, Kraft Pulp Mills, Sections 011; 021; 031 (1), (4), (5) and (6); 033; 036 (1), (2) (4); 061; 071 (2), (3) (4 d, e) (5); 077; 101, dated March 27, 1980.

Chapter 173-410 WAC, Sulfite Pulp Mills, Sections 011; 021; 031; 033; 036 (1), (2), (4); 041; 051; 061 (1) thru (8); 067; 071; 086; 091, dated March 27, 1980.

Chapter 18-52 WAC, Primary Aluminum Plants, Sections 010; 016; 021; 031 (2), (4); 036(1); 051; 056; 071 (1)(c), 1(f), (2), (3), dated March 27, 1980.

(23) Revise to add the parenthetical phrase "(Groups I and II)" in the line identified as "2." so that it reads "WAC 173-490 (Groups I and II): January 8, 1981."

(24) On July 31, 1980 the Department of Ecology submitted revisions to the pulp mill and aluminum plant regulations to satisfy the conditions of approval published July 31, 1980 (45 FR 50749). These regulations are dated August 20, 1980. On September 14, 1981, EPA approved the revisions submitted as satisfying the conditions of approval. The portions of the regulations approved as part of the SIP are as follows:

Chapter WAC 173-405, Kraft Pulp Mills, Sections 012; 021; 033; 040 (1), (2), (3), (4), (5), (8), and (17); 072 (1), (4) and (5); 077; 086; and 101.

Chapter WAC 173-410, Sulfite Pulping Mills, Sections 012; 021; 040 (1), (2), (3), (5), and (16); 062 (1), (2) and (3); 067; 086; 090; and 091.

Chapter WAC 173-415, Primary Aluminum Plants, Sections 010; 020; 030 (2)(b), (4), (5), (7), and (11); 040; 050; 060 (1)(c) and (2); 070; and 090.

(25) On July 30, 1980 the State submitted revisions to the SIP to cover energy sources (superseding the submission of August 17, 1979). The major elements of the "energy" SIP include:

(i) Legal Authority—Chapter 80.50 RCW

(ii) Regulations—Chapter 463-39 WAC dated

(iii) A Memorandum of Agreement between the Energy Facility Site Evaluation Council (EFSEC) and the Washington Department of Ecology (DOE) describing program implementation.

On May 28, 1981, the State submitted an Attorney General's opinion certifying that the enabling authority (80.50 RCW) was sufficient to meet the requirements of section 110 of the Clean Air Act. On February 23, 1982, EPA approved the EFSEC SIP as it pertains to non-Part C pre-construction review in attainment areas. Part C and Part D requirements will be considered at a later date. Portions of the SIP approved are as follows:

(A) Legal Authority—Chapter 80.50 RCW

(B) Memorandum of Agreement between DOE and EFSEC.

(C) Regulations—WAC 463-39, except Sections 030(4), (7), (10), (24), (25), (30), (35) and (36); (040) (introduction); 110 (introduction), (1)(b), (1)(c); 110(3)(b) (except portion dealing with Federal NSPS and NESHAPS requirements), (3)(c), (3)(d) and (3)(e), 115; upon which no action was taken and Section 110(1)(a) which was disapproved.

(26) On September 10, 1980 the Governor submitted a revised transportation control plan for the Spokane carbon monoxide nonattainment area calling for attainment by December 31, 1982. On December 24, 1980 (45 FR 85007) EPA conditionally approved the transportation control plan.

(27) On March 5, 1980, the State of Washington Department of Ecology submitted a plan revision to meet the requirements of Air Quality Monitoring 40 CFR Part 58, Subpart C § 58.20. On April 15, 1981 (46 FR 21994) EPA approved the Part 58 monitoring plan.

(28) On November 17, 1981 the State of Washington Department of Ecology submitted a revision to the SIP, including a schedule to implement expanded transit service in Spokane, which satisfies the condition of approval published December 24, 1980 (45 FR 85008). On March 22, 1982 EPA approved the Spokane TCP for CO and removed the condition.

(29) On April 28, 1979, the State Department of Ecology submitted WAC 173-400-160 as their maintenance of pay provision.

(30) On June 29, 1981 the State Department of Ecology submitted revisions to their source test and compliance determination methods for Groups I and II Volatile Organic Compounds (VOC) sources. On (date of publication) EPA approved the foregoing material as satisfying the final conditions of approval published June 5, 1980 and the proposed condition of approval published June 29, 1981.

(31) On November 13, 1981 the State Department of Ecology submitted clarifying information to satisfy the three proposed conditions of approved published by EPA on June 29, 1981. On (date of publication) EPA approved the submitted material as satisfying the conditions for perchloroethylene dry cleaners and graphic arts systems but took no action on the correction to the regulation for metal surface coating, with the understanding that the "across the board" exemption would be eliminated as part of the July 1982 Ozone SIP.

(Secs. 110(a), 172, and 173 Clean Air Act (42 U.S.C. 7410(a), 7502 and 7503))

[37 FR 10900, May 31, 1972]

Editorial Note: For Federal Register citations to § 52.2470, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.2471 Classification of regions.

The Washington plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Eastern Washington-Northern Idaho Interstate	I	IA	III	I	III
Northern Washington Intrastate	II	III	III	III	III
Olympic-Northwest Washington Intrastate	II	II	III	III	III
Portland Interstate	I	IA	III	I	I
Puget Sound Intrastate	I	IA	III	I	I
South Central Washington Intrastate	I	III	III	III	III

[37 FR 10900, May 31, 1972, as amended at 39 FR 16347, May 8, 1974; 45 FR 37836, June 5, 1980]

§ 52.2472 Extensions.

(a) The Administrator hereby extends for 1 year the attainment date for the national standards for carbon monoxide in the Puget Sound Intrastate Region and in Washington's portion of the Eastern Washington-Northern Idaho Intrastate Region.

(b) The Administrator hereby extends to July 1, 1980 the statutory timetable for submission of Washington's plan for the attainment and maintenance of the secondary standards for total suspended particulate matter in all non-attainment areas in Washington.

(c) The Administrator hereby extends to December 31, 1984 the attainment date for carbon monoxide in the Seattle-Tacoma non-attainment area (40 CFR 81.348).

(d) The Administrator hereby extends beyond December 31, 1982, but not to exceed December 31, 1987, the attainment date for ozone in the Seattle-Tacoma and Vancouver, Washington non-attainment areas (40 CFR 81.348).

(Sec. 110(a) Clean Air Act (42 U.S.C. 7410(b)))

[38 FR 32674, Nov. 27, 1973, as amended at 44 FR 44498, July 30, 1979; 44 FR 53161, Sept. 13, 1979; 45 FR 37836, June 5, 1980]

§ 52.2473 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Washington's plan for the attainment and maintenance of National Standards under section 110 of the Clean Air Act. The regulations included in the SIP (See Table 52.2479) are applicable statewide unless otherwise noted in the regulation itself. Furthermore, the Administrator finds that the plan as identified in § 52.2470 satisfies requirements of Part D, Title 1, of the Clean Air act as amended in 1977, except as noted in the following sections. Continued satisfaction of the requirements of Part D for the ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January 1978 and January 1979 and adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January. New source review permits pursuant to section 173 of CAA will not be deemed valid by EPA unless the provisions of Section V of the emission offset interpretive rule published on January 16, 1979 (44 FR 3274) are met.

(Secs. 110, 172, Clean Air Act as amended (42 U.S.C. 7410(a) and 7502))

[45 FR 37836, June 5, 1980, as amended at 46 FR 45609, Sept. 14, 1981; 47 FR 7840, Feb. 23, 1982]

§ 52.2474 General requirements.

(a) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[40 FR 55334, Nov. 28, 1975]

§ 52.2475 Legal authority.

(a) The requirements of § 51.11(f) of this chapter are not met with respect to the "Transportation Control Strategies" submitted on April 13, 1973, because the State does not have legal authority to implement the traffic signal optimization, heavy-duty vehicle exclusion, or intermittent vehicle exclusion programs, which the plan indicates are to be implemented by the cities of Seattle and Spokane, or the skywalk and accelerated transit programs, which the plan indicates are to be implemented by the city of Spokane.

(b) As a result of a State appeals court ruling (January 29, 1980), EPA determined that language in the Washington Legal Authority specifically RCW 70.94.040, renders the Washington State and local air pollution control regulations unenforceable. The Washington State Legislature amended the defective language in the State law on March 13, 1980. The bill has been signed by the Governor and was submitted as a SIP revision on May 1, 1980. In addition, the State must take whatever action(s) necessary to ensure that both the existing SIP and the proposed SIP regulatory programs are valid and enforceable under the State Clean Air Act as amended. EPA is approving the State's legal authority as amended March 13, 1980.

[38 FR 32674, Nov. 27, 1973, as amended at 45 FR 37836, June 5, 1980]

§ 52.2476 [Reserved]

§ 52.2477 Source surveillance.

(a) The requirements of § 51.19(d) of this chapter are not met with respect to the "Transportation Control Strategies" submitted on April 13, 1973, because procedures are not provided for monitoring the status of the traffic signal optimization, heavy-duty vehicle exclusion, and inspection programs in the Puget Sound Intrastate Region and Washington's portion of the Eastern Washington-Northern Idaho Interstate Region, and of the accelerated transit program in Washington's portion of the Eastern Washington-Northern Idaho Interstate Region.

(b) A regulation for surveillance of the traffic signal optimization program approved in § 52.2473, and for the regulations promulgated in §§ 52.2485, 52.2490, and 52.2491 is contained herein.

(c) Regulation for monitoring transportation mode trends.

(1) This paragraph is applicable to the Puget Sound Intrastate Region and Washington's portion of the Eastern Washington-Northern Idaho Interstate Region.

(2) In order to assure the effectiveness of the inspection and maintenance program and the retrofit devices required under §§ 52.2485, 52.2490, and 52.2491, the State of Washington shall monitor the actual per-vehicle emission reductions occurring as a result of such sections. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the State of Washington in accordance with § 58.35 of this chapter. The first quarterly report shall cover the period from January 1 to March 31, 1976.

(3) In order to assure the effectiveness of the traffic signal optimization program approved in § 52.2473, the State of Washington shall monitor vehicle miles traveled and average vehicle speeds for each area in which the traffic signal optimization program is in effect, and during such time periods as may be appropriate to evaluate the effectiveness of such a program. All data obtained from such monitoring shall be included in the quarterly report submitted to the Administrator by the State of Washington in accordance with § 58.35 of this chapter. The first quarterly report shall cover the period from January 1 to March 31, 1974. The data collected during the first quarter of calendar years 1976 and 1977 shall be submitted to the Administrator no later than 15 days after the end of such quarter. The vehicle miles traveled and vehicle speed data shall be collected on a monthly basis, and submitted in a format similar to Table 1.

TABLE 1

Time period ....
Affected area ....

Roadway type	VMT or average vehicle speed	
	Vehicle type (1)	Vehicle type (2)[1]
Freeway		
Arterial		
Collector		

[1] Continue with other vehicle types as appropriate.

(4) No later than February 1, 1974, the State of Washington shall submit to the Administrator a compliance schedule to carry out the monitoring requirements in paragraph (c)(2) of this section. The compliance schedules shall include the following:

(i) The agency or agencies responsible for conducting, overseeing, and maintaining the monitoring programs.

(ii) The administrative processes to be used.

(iii) A description of the methods to be used to collect the emissions data, vehicle miles traveled data, and vehicle speed data; a description of any modeling techniques to be used; a description of the geographical area to which the data apply; identification of the location at which the data will be collected; and the time periods during which the data will be collected.

(Secs. 110, 301(a), 313, 319, Clean Air Act (42 U.S.C. 7410, 7601(a), 7613, 7619))

[38 FR 32674, Nov. 27, 1973, as amended at 44 FR 27571, May 10, 1979]

§ 52.2478 Attainment dates for national standards.

The following table presents the latest dates by which the National Standards are to be attained. These dates reflect the information presented in Washington's plan.

Air quality control region and nonattainment area	Pollutant						
	TSP		SO_2		NO_2	CO	O_3
	1st[1]	2d[2]	1st[1]	2d[2]			
Eastern WA, North. Idaho Interstate (WA portion) AQCR:							
1. Spokane area	f	h	b	b	b	f	b
2. Clarkston-Lewiston Interstate area (WA portion)	f	h	b	b	b	b	b
3. Remainder of AQCR Northern Washington Intrastate AQCR	a	e	b	b	b	b	b
Olympic-Northwest WA intrastate:							
1. Port Angeles area	e	h	a	e	b	b	b
2. Remainder of AQCR	e	e	a	e	b	b	b
Portland Interstate AQCR (WA portion):							
1. Vancouver, WA area	f	h	c	e	b	b	i
2. Longview, WA area	e	h	e	e	b	b	b
3. Remainder of AQCR	e	e	e	e	b	b	b
Puget Sound Intrastate AQCR:							
1. Seattle-Tacoma area:							
a. Seattle (N. Duwamish) area	f	h	d	d	b	g	i
b. Seattle (S. Duwamish) area	c	h	d	d	b	g	i
c. Kent area	c	h	d	d	b	g	i
d. Auburn area	c	h	d	d	b	g	i
e. Tacoma area	f	h	d	d	b	g	i
f. Remainder Seattle-Tacoma area	c	h	d	d	b	g	i
2. Remainder of AQCR	c	e	d	d	b	k	j
South Central Washington Intrastate AQCR:							
1. Yakima area	e	e	b	b	b	f	b
2. Remainder of AQCR	e	e	b	b	b	b	b

[1] 1st = Primary.

[2] 2d = Secondary.

a. Air quality levels presently below primary standards or area is unclassifiable.
b. Air quality levels presently below secondary standards or area is unclassifiable.
c. December 1973.
d. January 1975.
e. July 1975.
f. December 31, 1982.
g. December 31, 1984.
h. 18 month extension granted for plan submission and identification of attainment date.
i. Attainment date extended beyond December 31, 1982, not to exceed December 31, 1987.
j. May 31, 1975.
k. May 31, 1976.

NOTE: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.2478.

[45 FR 37836, June 5, 1980]

§ 52.2479 Rules and regulations.

(a) *Part D—Approval.* (1) WAC 173-490-205 is approved with the exception of paragraph (d) on which no action is taken.

Table 52.2479. Washington SIP Regulations [4]

Citation	Title	Date of regulation	Date of EPA approval	Federal Register citation	Applicable sections
WAC 173-400	General regs. for air pollution sources	Jan. 18, 1981	Sept. 14, 1981	46 FR 45607	All.
WAC 173-402	Civil sanctions under WA Clean Air Act	June 24, 1980	do	do	Do.
WAC 173-405	Kraft pulping mills	Aug. 20, 1980	do	012; 021; 033; 040(1), (2), (3), (4), (5), (6), (8) and (17); 072(1), (4) and (5); 077; 086; and 101.	
WAC 173-410	Sulfite pulping	do	012; 021; 040(1), (2), (3), (5) and (16); 052(1), (2) and (3); 067; 086; 090; and 091..		
WAC 173-415	Primary aluminum plants	do	do	012; 021; 033; 040(1), (2), (3), (4), (5), (6), (8) and (17); 072(1), (4) and (5); 077; 086; and 101.	010; 020; 030(2)(b), (4), (5), (7) and (11); 040; 050; 060(1)(c) and (2), 070, 090.
WAC 173-425	Open burning	Oct. 24, 1977	June 5, 1980	45 FR 37821	All.
WAC 173-435	Emergency episode plan	Oct. 31, 1977	do	45 FR 37821	Do.
WAC 173-490 (Groups I and II).	Emission standards and controls for sources emitting volatile organic compounds.	Jan. 8, 1981	Sept. 14, 1981	46 FR 45607	Do.
WAC 18-16	Grass seed field burning	Undated	May 31, 1972	37 FR 10900	Do.
WAC 18-24	State jurisdiction over motor vehicles	June 18, 1975	June 5, 1980	45 FR 37821	Do.
PSAPCA[1]	Regulation I	Dec. 8, 1977	Sept. 14, 1981	46 FR 45607	Articles 1, 3, 6 and 9 (Sections 9.03, 9.04, 9.05, 9.06, 9,07 (c), (d) and (e), 9.09).
NWAPA[2]	Regulations	Aug. 9, 1978	do	46 FR 45607	Section 455.11.
SCAPCA[3]	Regulation II	Jan. 1, 1979	do	46 FR 45607	Article IV, Section 4.01.
WAC 463-39	General Regulations for Air Pollution Sources	Aug. 6, 1979	Feb. 23, 1982	Feb. 23, 1982	All sections, *except* 030 (4), (7), (10), (24), (25), (30), (35), and (36); 040 (introduction); 110 (introduction), (1)(a), (1)(b), (1)(c), 110(3)(b) (except portion dealing with Federal NSPS and NESHAPS requirements), (3)(c), (3)(d), (3)(3); and 115.

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[1] Puget sound air pollution control agency.

[2] Northwest air pollution authority.

[3] Spokane County air pollution control authority.

[4] The regulations listed in Table 52.2479 are applicable in attainment and nonattainment areas.

(b) *Preconstruction Review under section 110 of the Clean Air Act—Approval.* (1) (WAC 463-39 is approved as satisfying the provisions for preconstruction review under Section 110 of the Act except as follows:

(i) WAC 463-39-110(1)(a) is disapproved.

(Secs. 110(a) 172, and 173 Clean Air Act (42 U.S.C. 7410(a), 7502 and 7503))

[46 FR 45609, Sept. 14, 1981, as amended at 46 FR 62065, Dec. 22, 1981; 47 FR 7840, Feb. 23, 1982; 47 FR 12167, Mar. 22, 1982; 47 FR 16019, Apr. 14, 1982]

§ 52.2480 [Reserved]

§ 52.2481 Compliance schedules.

(a) The requirements of § 51.15(c) of this chapter are not met since a compliance schedule for control of sulfur oxides from a petroleum refinery has not been formally adopted and submitted.

(b) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are contained in the Washington Administrative Code (WAC) Title 18, unless otherwise noted.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Crown Zellerbach Corp	Port Townsend	WAC 18-36-030.	July 17, 1973	Immediately	June 30, 1975.
Do	Camas	WAC 18-36-030.	do	do	Do.
Weyerhaeuser Co	Longview	WAC 18-36-030.	do	do	Mar. 1, 1975.
Do	Everett	WAC 18-36-030.	do	do	Jan. 31, 1975.
St. Regis Paper Co	Tacoma	WAC 18-36-030.	do	do	Jan. 1, 1975.
Boise Cascade Papers	Wallula	WAC 18-36-030.	do	do	Do.
Longview Fibre Co	Longview	WAC 18-36-030.	do	do	Jan. 1, 1974.
Georgia Pacific Corp	Bellingham	WAC 18-38-030.	Dec. 18, 1972	do	Immediately.
Crown Zellerbach, Co	Camas	WAC 18-38-030.	July 17, 1973	do	July 1, 1974.
ITT Rayonier, Inc	Port Angeles	WAC 18-38-030.	do	do	July 17, 1973.
Do	Hoquiam	WAC 18-38-030.	do	do	July 1, 1974.
Weyerhaeuser Co	Everett	WAC 18-38-030.	Feb. 9, 1973	do	May 31, 1974.
Do	Longview	WAC 18-38-030.	July 17, 1973	do	Dec. 1, 1973.
Do	Cosmopolis	WAC 18-38-030.	do	do	July 1, 1974.
Scott Paper Co	Everett	WAC 18-38-030.	do	do	Do.
Kaiser Aluminum & Chemical Corp.	Tacoma	WAC 18-52-030.	Dec. 18, 1972	do	Sept. 1, 1974.
Do	Mead	WAC 18-52-030.	Jan. 22, 1973	do	July 1, 1974.
Intalco Aluminum	Ferndale	WAC 18-52-030.	Dec. 18, 1972	do	May 1, 1973.
Martin-Marietta Aluminum	Goldendale	WAC 18-52-030.	Feb. 9, 1973	do	Sept. 30, 1973.
Reynolds Metal Co	Longview	WAC 18-52-030.	Dec. 18, 1972	do	Nov. 1, 1974.
Aluminum Co. of America	Vancouver	WAC 18-52-030.	July 17, 1973	do	Do.
Do	Wenatchee	WAC 18-52-030.	do	do	July 17, 1973.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Witco Chemical Corp	Quincy	WAC 18-04-060	Feb. 9, 1973	do	Feb. 28, 1974.
Lehigh Cement Co	Metaline Falls	WAC 18-04-060.	do	do	Dec. 31, 1974.
Shell Oil Co	Anacortes	NWAPA 2.12	do	do	Sept. 1, 1973.

(c) [Reserved]

(d) *Federal compliance schedules.* (1) Except as provided in paragraph (9) of this paragraph (d), the owner or operator of any petroleum refinery subject to the following emission limiting regulation in the Washington Implementation Plan shall comply with the compliance schedule in paragraph (2) of this paragraph (d): Northwest Air Pollution Authority, Regulation II, section 2.12, Paragraph E, where applicable (Appendix B of the Washington Implementation Plan).

(2) Compliance schedule for petroleum refineries.

(i) March 1, 1974—Complete onsite construction or installation of emission control equipment or process modification.

(ii) July 1, 1974—Achieve compliance with the applicable regulations, and certify such compliance to the Administrator.

(iii) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by July 1, 1974. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(iv) Within five days after the deadline for completing increments in paragraphs (d)(2) (ii) and (iii) in this section, certify to the Administrator whether the increment has been met.

(3) (i) None of the above paragraphs shall apply to a source which is presently in compliance with applicable regulations and which has certified such compliance to the Administrator by October 1, 1973. The Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the effected source.

(4) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of a compliance schedule in this paragraph fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

[38 FR 22751, Aug. 23, 1973, as amended at 38 FR 24342, Sept. 7, 1973]

§ 52.2482 [Reserved]

§ 52.2483 Resources.

(a) The requirements of § 51.20 of this chapter are not met because the transportation control plan does not contain a sufficient description of resources available to the State and local agencies and of additional resources needed to carry out the plan during the 5-year period following submittal.

[38 FR 16569, June 22, 1973]

§ 52.2484 [Reserved]

§ 52.2485 Inspection and maintenance program.

(a) Definitions:

(1) "Inspection and maintenance program" means a program for reducing emissions from in-use gasoline-powered vehicles through identifying vehicles that need emission-control-re-

lated maintenance and requiring that such maintenance be performed.

(2) "Light-duty vehicle" means a gasoline-powered motor vehicle rated at 6,000 lb gross vehicle weight (GVW) or less.

(3) "Medium-duty vehicle" means a gasoline-powered motor vehicle rated at more than 6,000 lb GVW and less than 10,000 lb GVW.

(4) All other terms used in this section that are defined in Part 51, Appendix N, of this chapter are used herein with the meanings so defined.

(b) This regulation is applicable to light- and medium-duty vehicles in all the counties that constitute the Puget Sound Intrastate Air Quality Control Region and the light-duty vehicles in the county of Spokane in the Eastern Washington-Northern Idaho Interstate Air Quality Control Region (hereafter referred to as the Regions).

(c) The State of Washington shall establish an inspection and maintenance program applicable to all light-duty and medium-duty vehicles registered in the Regions as specified in paragraph (b) of this section that operate on public streets or highways over which it has ownership or control. The State may exempt any class or category of vehicles that the State finds is rarely used on public streets or highways (such as classic or antique vehicles). No later than April 1, 1974, the State shall submit legally adopted regulations to the Administrator establishing such a program. The regulations shall include:

(1) Provisions for inspection of all light-duty and medium-duty motor vehicles at periodic intervals no more than 1 year apart by means of an idle-mode emission test.

(2) Provisions for inspection failure criteria consistent with the failure of 50 percent of the vehicles in the first inspection cycle.

(3) Provisions to ensure that failed vehicles receive maintenance to achieve compliance with the inspection standards. These shall include sanctions against individual owners and repair facilities; retest of failed vehicles following maintenance; use of a certification program to ensure that repair facilities performing the required maintenance have the necessary equipment, parts, and knowledgeable operators to perform the tasks satisfactorily; and use of such other measures as may be necessary or appropriate.

(4) A program of enforcement to ensure that vehicles are not intentionally readjusted or modified subsequent to the inspection and/or maintenance in such a way as would cause them to no longer comply with the inspection standards. This enforcement program might include spot checks of idle adjustments and/or a suitable type of physical tagging. This program shall include appropriate penalties for violation.

(5) Provisions for beginning the first inspection cycle by August 1, 1975, and completing it by May 31, 1976.

(6) Designation of an agency or agencies responsible for conducting, overseeing, and enforcing the inspection and maintenance program.

(d) After May 31, 1976, the State shall not register or allow to operate on public streets or highways any light- or medium-duty vehicles that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section. This shall not apply to the initial registration of a new motor vehicle.

(e) After May 31, 1976, no owner of a light-duty or medium-duty vehicle shall operate or allow the operation of such vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (c) of this section. This shall not apply to the initial registration of a new motor vehicle.

(f) The State of Washington shall submit, no later than February 1, 1974, a detailed compliance schedule showing the steps it will take to establish and enforce an inspection and maintenance program pursuant to paragraph (c) of this section, including:

(1) The text of needed statutory proposals and regulations that it will propose for adoption.

(2) The date by which the State will recommend needed legislation to the State legislature.

(3) The date by which necessary equipment will be ordered.

(4) A signed statement from the Governor or his designee identifying the sources and amounts of funds for the program. If funds cannot legally be obligated under existing statutory authority, the text of needed legislation shall be submitted.

[38 FR 32675, Nov. 27, 1973]

§ 52.2486 Management of parking supply.

(a) Definitions:

(1) "Parking facility" (also called "facility") means a lot, garage, building or structure, or combination or portion thereof, in or on which motor vehicles are temporarily based.

(2) [Reserved]

(3) "Construction" means fabrication, erection, or installation of a parking facility, or any conversion of land, buildings, or structures, or portions thereof, for use as a facility.

(4) "Modification" means any change to a parking facility that increases or may increase the motor vehicle capacity of, or the motor vehicle activity associated with, such parking facility.

(5) "Commence" means to undertake a continuous program of on-site construction or modification.

(6) "Parking space" means any area or space below, above, or at ground level, open or enclosed, on-street or off-street, that is used for parking one motor vehicle at any time.

(7) "Residential parking facility" means a parking facility the use of which is limited exclusively to residents (and guests) of a residential building or group of buildings under common control and in which no commercial parking is permitted.

(8) "Seattle central business district" means the area enclosed by Yesler Way, the I-5 freeway, Eighth Avenue, Virginia Street, and the Alaska Way Viaduct. Streets forming boundaries (excluding the I-5 freeway and the Alaska Way Viaduct) shall be part of the central business district (CBD).

(9) "Spokane central business district" means the area enclosed by Trent Avenue, Monroe Street, Third Avenue, and Division Street. Streets forming boundaries shall be part of the central business district.

(b) This section shall be applicable in the Seattle and Spokane CBD's.

(c)-(e) [Reserved]

(f) All applications for approval under this section shall include the following information:

(1) Name and address of the applicant.

(2) Location and description of the parking facility.

(3) A proposed construction schedule.

(4) [Reserved]

(5) The total motor vehicle capacity before and after the construction or modification of the facility.

(6) Additional information, plans, specifications, or documents required by the Administrator.

(g)-(h) [Reserved]

(i) Each application shall be signed by the owner or operator of the facility, whose signature shall constitute an agreement that the facility shall be operated in accordance with the information submitted in the application and with applicable rules, regulations, and permit conditions.

(j)-(k) [Reserved]

(l) There shall be no increase in the number of non-residential parking spaces within the Seattle and Spokane CBD above the number present as of November 19, 1973. Any parking facility which provides or would provide vehicular ingress or egress to or from a street forming a boundary of a CBD shall be considered included within such CBD. Any parking facility beneath a street forming a boundary shall be considered to be included within such CBD.

(m) On a semiannual basis, beginning February 15, 1974, the city of Seattle and the city of Spokane shall report to the Administrator the total number of non-residential and the total number of residential on-street and off-street parking spaces in their respective CBD's. Thereafter, such cities shall report any reduction in the number of such parking spaces to the Administrator.

(n) No person or entity, after November 19, 1973, shall commence construction or modification of any new non-residential parking facility in the Seattle or Spokane CBD, nor shall any person or entity take any action having the effect of creating new non-residential parking spaces in such

CBD, unless and until such person or entity has obtained from the Administrator or from an agency approved by the Administrator a permit stating that construction, modification, or enlargement of such facility will be in compliance with paragraph (l) of this section.

(o) By May 31, 1974, each owner or operator of any parking facility located within the Seattle and Spokane CBD shall reserve 10 percent of the parking spaces in such facility for vehicles transporting three or more occupants between the hours of 7 a.m. to 7 p.m., Monday through Friday, excluding legal holidays. On or before March 1, 1974, each such owner or operator shall submit to the Administrator a detailed compliance schedule showing the steps it will take to assure compliance with this paragraph.

(p) The city of Seattle and the city of Spokane shall report to the Administrator on a semiannual basis beginning August 15, 1974, the average daily occupancy of the spaces reserved for vehicles transporting three or more occupants.

(q) Notwithstanding any of the foregoing provisions to the contrary, the operation of this paragraph is hereby suspended pending further notice.

[39 FR 40857, Nov. 21, 1974, as amended at 42 FR 38355, July 28, 1977]

§§ 52.2487—52.2488 [Reserved]

§ 52.2489 Reduction in parking spaces.

(a) Definitions:

(1) "Seattle central business district" means the area enclosed by Yesler Way, the I-5 freeway, Eighth Avenue, Virginia Street, and the Alaska Way Viaduct. Streets forming boundaries (excluding the I-5 freeway and the Alaska Way Viaduct) shall be part of the CBD.

(2) "Spokane central business district" means the area enclosed by Trent Avenue, Monroe Street, Third Avenue, and Division Street. Streets forming boundaries shall be part of the central business district.

(3) Terms used in this section that are defined in § 52.2486 are used herein with the meanings so defined.

(b) This section is applicable in the Seattle and Spokane central business districts (CBD). Any parking facility that provides or would provide vehicular ingress or egress to or from a street forming a boundary of a CBD shall be considered included within such CBD. Any parking facility beneath a street forming a boundary shall be considered included within such CBD.

(c) This section shall be effective in the Seattle central business district only if average daily vehicle miles traveled in such CBD for the months of February and March 1977 have not been reduced by 15 percent from such average for the months of February and March, 1974, and shall be effective in the Spokane central business district only if average daily vehicle miles traveled in such CBD for the months of February and March 1977 have not been reduced by 10 percent from such average for the months of February and March 1974. Such determination shall be made in accordance with the monitoring requirements of § 52.2477(c) of this chapter.

(d) By May 31, 1977, each owner or operator of any non-residential parking facility located within the Seattle or Spokane central business districts shall reduce the number of parking spaces available during the period of 7:00 a.m. to 10:00 a.m. on Monday through Friday (excluding legal holidays) by 20 percent from the number in existence as of January 1, 1977.

(e) By May 1, 1977, each governmental entity and private party owning, controlling, or operating a non-residential parking facility within the Seattle or Spokane central business districts shall report to the Administrator the number of parking spaces under its ownership or control and the average number of such parking spaces occupied by 10:00 a.m. on Monday through Friday (excluding legal holidays).

(f) By May 1, 1977, each owner or operator of a non-residential parking facility within the Seattle or Spokane central business districts shall submit to the Administrator a detailed compliance schedule showing the steps it will take to achieve the reduction in parking spaces required by paragraph (d) of this section. Such schedule shall include but not be limited to designation of the space eliminated pursuant to this section in some manner obvious to the public (such as blocking off entire floors, painting over or roping off spaces, or replacing space with bicycle racks or plantings).

(g) After the reduction required by paragraph (d) of this section is in effect, each owner or operator of any parking facility located within the Seattle or Spokane central business districts shall continue to reserve for vehicles transporting three or more occupants the same number of spaces such owner or operator was required to reserve pursuant to § 52.2486(o).

(h) The City of Seattle and the City of Spokane shall report to the Administrator on a semiannual basis beginning August 15, 1977, in a manner to be prescribed by the Administrator, average daily occupancy of parking facilities.

(i) Notwithstanding any of the foregoing provisions to the contrary, the operation of this paragraph is hereby suspended until further notice.

[38 FR 32677, Nov. 27, 1973, as amended at 42 FR 38355, July 28, 1977]

§ 52.2490 Air bleed to intake manifold retrofit.

(a) Definitions:

(1) "Air bleed to intake manifold retrofit" means a system or device (such as modification to the engine's carburetor) that results in engine operation at an increased air-fuel ratio so as to achieve reduction in exhaust emissions of hydrocarbon and carbon monoxide from 1967 and earlier light-duty vehicles of at least 21 and 58 percent, respectively, and from 1973 and earlier medium-duty vehicles of at least 15 and 30 percent, respectively.

(2) "Light-duty vehicle" means a gasoline-powered motor vehicle rated at 6,000 lb gross vehicle weight (GVW) or less.

(3) "Medium-duty vehicle" means a gasoline-powered motor vehicle rated at more than 6,000 lb GVW and less than 10,000 lb GVW.

(4) All other terms used in this section that are defined in Part 51, Appendix N, of this chapter are used herein with meanings so defined.

(b) This section is applicable to light-and medium-duty vehicles in all the counties that constitute the Puget Sound Intrastate Air Quality Control Region and is applicable to light-duty vehicles in the county of Spokane in the Eastern Washington-Northern Idaho Interstate Air Quality Control Region (hereafter referred to as the Regions).

(c) The State of Washington shall establish a retrofit program to ensure that on or before May 31, 1976, all light-duty vehicles of model years prior to 1968, and medium-duty vehicles of model years prior to 1974, registered in the Regions as specified in paragraph (b) of this section are equipped with an appropriate air bleed to intake manifold device. No later than February 1, 1974, the State of Washington shall submit to the Administrator a detailed compliance schedule showing the steps it will take to establish and enforce a retrofit program pursuant to this section, including the text of statutory proposals, regulations, and enforcement procedures that the State proposes for adoption. The compliance schedule shall also include a date by which the State shall evaluate and approve devices for use in this program. Such date shall be no later than September 30, 1974.

(d) No later than April 1, 1974, the State shall submit legally adopted regulations to the Administrator establishing such a program. The regulation shall include:

(1) Designation of an agency responsible for evaluating and approving such devices for use on vehicles subject to this section.

(2) Designation of an agency responsible for ensuring that the provisions of paragraph (d)(3) of this section are enforced.

(3) Provisions for beginning the installation of the air bleed devices by August 1, 1975, and completing the installation of the devices on all vehicles subject to this section no later than May 31, 1976.

(4) A provision that starting no later than May 31, 1976, no vehicle for which retrofit is required under this section shall pass the annual emission tests provided for by § 52.2485 unless it has been first equipped with an approved air bleed to intake manifold device, which the test has shown to be

installed and operating correctly. The regulations shall include test procedures and failure criteria for implementing this provision.

(5) Methods and procedures for ensuring that those installing the retrofit devices have the training and ability to perform the needed tasks satisfactorily and have an adequate supply of retrofit components.

(e) After May 31, 1976, the State shall not register or allow to operate on its streets or highways any gasoline-powered vehicle that does not comply with the applicable standards and procedures adopted pursuant to paragraph (d) of this section.

(f) After May 31, 1976, no owner of a vehicle subject to this section shall operate or allow the operation of any such vehicle that does not comply with the applicable standards and procedures implementing this section.

[38 FR 32677, Nov. 27, 1973]

§ 52.2491 Exhaust gas recirculation-air bleed.

(a) Definitions:

(1) "Exhaust gas recirculation (EGR)-air bleed" means a system or device (such as modification of the engine's carburetor or positive crankcase ventilation system) that results in engine operation at an increased air-fuel ratio so as to achieve reductions in exhaust emissions of hydrocarbons and carbon monoxide of 25 percent and 40 percent, respectively, from light-duty vehicles of model years 1968–1970.

(2) "Light-duty vehicle" means a gasoline-powered motor vehicle rated at 6,000 lb gross vehicle weight (GVW) or less.

(3) All other terms used in this section that are defined in Part 51, Appendix N, of this chapter are used herein with the meanings so defined.

(b) This section is applicable in all the counties that constitute the Puget Sound Intrastate Air Quality Control Region and in the county of Spokane in the Eastern Washington-Northern Idaho Interstate Air Quality Control Region (hereafter referred to as the Regions).

(c) The State of Washington shall establish a retrofit program to ensure that on or before May 31, 1976, all gasoline-powered, light-duty vehicles of model years 1968–1970, inclusive, operated on public streets and highways in the areas defined in paragraph (b) of this section, are equipped with an appropriate EGR-air bleed device. No later than February 1, 1974, the State of Washington shall submit to the Administrator a detailed compliance schedule showing the steps it will take to establish and enforce a retrofit program pursuant to this section, including the text of statutory proposals, regulations, and enforcement procedures that the State proposes for adoption. The compliance schedule shall also include a date by which the State shall evaluate and approve devices for us in this program. Such date shall be no later than September 30, 1974.

(d) No later than April 1, 1974, the State shall submit legally adopted regulations to the Administrator establishing such a program. The regulation shall include:

(1) Designation of an agency responsible for evaluating and approving such devices for use on vehicles subject to this section.

(2) Designation of an agency responsible for ensuring that the provisions of paragraph (d)(3) of this section are enforced.

(3) Provisions for beginning the installation of the EGR-air bleed devices by August 1, 1975, and completing the installation of the devices on all vehicles subject to this section no later than May 31, 1976.

(4) A provision that starting no later than May 31, 1976, no vehicle for which retrofit is required under this section passes the annual emission test provided for by § 52.2485 unless it has been first equipped with an approved EGR-air bleed device, which the test has shown to be installed and operating correctly. The regulations shall include test procedures and failure criteria for implementing this provision.

(5) Methods and procedures for ensuring that those installing the retrofit devices have the training and ability to perform the needed tasks satisfactorily and have an adequate supply of retrofit components.

(e) After May 31, 1976, the State shall not register or allow to operate on its streets or highways any gasoline-powered, light-duty vehicle subject to this section that does not comply with the applicable standards and procedures adopted pursuant to paragraph (d) of this section.

(f) After May 31, 1976, no owner of a vehicle subject to this section shall operate or allow the operation of any such vehicle that does not comply with the applicable standards and procedures implementing this section.

[38 FR 32678, Nov. 27, 1973]

§ 52.2492 Computer carpool matching system.

(a) Definitions:

(1) "Carpool matching" means assembling lists of commuters whose daily travel plans indicate they might carpool with each other and making such lists available to such commuters to aid them in forming carpools.

(2) "Computer-aided carpool matching" means a carpool matching system in which the work of assembling lists of commuters with similar daily travel patterns is done by computer.

(b) This section is applicable in all counties included in the Puget Sound Intrastate Air Quality Control Region and in the county of Spokane in the Eastern Washington-Northern Idaho Interstate Air Quality Region.

(c) By January 15, 1974, the State of Washington shall submit to the Administrator a compliance schedule showing the steps it will take, and a timetable for such steps, to develop a computerized carpool matching system pursuant to the provisions of paragraph (d) of this section.

(d) Beginning April 1, 1974, the State of Washington shall establish a computer-aided carpool matching system that is conveniently available to all employees of employers having more than 10 employees and to all students of colleges and universities within the areas designated in paragraph (b) of this section. No later than March 1, 1974, the State shall submit legally adopted regulations to the Administrator establishing such a system. The regulations shall include:

(1) A method of collecting information that will include the following as a minimum:

(i) Provisions for each affected employee or student to receive an application form with a cover letter describing the matching program.

(ii) Provisions on each application for the applicant to identify home and work locations, and time of daily departure from each, and the applicant's desire to drive only, ride only, or share driving.

(2) A computer method of matching information that will have provisions for locating each applicant's origin and destination within a grid system covering the areas to and from which affected employees commute and for matching applicants in the same origin and destination grids with compatible travel schedules.

(3) A method for providing continuing service such that the master list of all applicants is retained and available for use by new applicants, applications are currently available, and the master list is periodically updated to remove applicants who have moved from the area served.

(4) An agency or agencies responsible for operating, overseeing, and maintaining the carpool computer matching system.

(e) By September 30, 1974, the State shall submit to the Administrator a progress report indicating the number of persons utilizing the program and any revision made or to be made in the program.

[38 FR 32678, Nov. 27, 1973]

§ 52.2493 Transit improvement measures.

(a) Definitions:

(1) "Transit improvement measures" means those actions or combinations of actions taken by the Metropolitan Transit Division of the Municipality of Metropolitan Seattle (METRO) and the city of Spokane to promote the attractiveness and increased use of public mass transit systems.

(2) "Park and ride lot" means a parking facility for the parking of private automobiles and bicycles of mass transit users.

(3) "Seattle central business district" means the area enclosed by Yesler Way, the I-5 freeway, Eighth Avenue, Virginia Street, and the Alaska Way Viaduct. Streets forming boundaries

(excluding the I-5 freeway and the Alaska Way Viaduct) shall be part of the central business district.

(4) "Spokane central business district" means the area enclosed by Trent Avenue, Monroe Street, Third Avenue, and Division Street. Streets forming boundaries shall be part of the central business district.

(5) "Exclusive bus lane" means a lane on a street or highway for the exclusive use of buses, whether constructed especially for that purpose or converted from an existing lane.

(6) "Downtown transit service" means regularly scheduled transit operation directly to a central business district.

(7) "Magic carpet project" means the 1-year experimental program supported by the City of Seattle and METRO of free fare transit service in the area bounded by Western Avenue, Stewart Street, Sixth Avenue, and Jackson Street as funded and authorized by City Council Resolution 102452 and METRO Council Resolution 1926.

(b) The following transit improvement measures shall be implemented by the City of Seattle and METRO:

(1) METRO shall complete at least eight park and ride lots, with a combined vehicular capacity of at least 5,000, by May 31, 1975, and additional lots with a capacity of 2,000 by May 31, 1976. No such park and ride lot shall be closer than 0.5 mile to any boundary of the Seattle central business district.

(i) METRO shall provide downtown transit service at each park and ride lot required by paragraph (b)(1) of this section.

(ii) METRO shall submit to the Administrator for his approval no later than May 31, 1974, a detailed compliance schedule showing the steps it will take to establish the park and ride lots required by this paragraph. The schedule shall contain at a minimum the following:

(*a*) Proposed location and vehicular capacity of each lot;

(*b*) Proposed dates for acquisition of land and initiation of operation;

(*c*) Necessary interagency agreements to implement the measure; and

(*d*) A statement signed by the Executive Director of METRO identifying the sources and amount of funds for each project.

(iii) On June 30, 1974, and on a semiannual basis thereafter, the Executive Director of METRO shall report to the Administrator the progress made in implementation of the measure. Such reports shall contain, as a minimum, data on increased ridership on downtown transit service and number of vehicles using each lot.

(2) The City of Seattle and METRO shall continue the Magic Carpet Project at least until September 8, 1974. The City of Seattle and METRO shall report to the Administrator on January 30, 1974, and June 30, 1974, the daily average increased ridership in the Magic Carpet Project zone and any other information available to substantiate the effectiveness of this measure.

(3) The City of Seattle shall establish at least one exclusive bus lane running in each direction on Second Avenue and on Fourth Avenue from Denny Street to Jackson Street by January 1, 1975, or, upon obtaining the approval of the Administrator, shall establish other exclusive bus lanes within the Seattle central business district containing at least an equivalent number of miles to the system hereinbefore specified.

(i) The City of Seattle shall submit no later than January 30, 1974, a detailed compliance schedule showing the steps it will take to establish these bus lanes and to enforce the limitations on their use. The schedule shall provide for the following:

(*a*) Exclusive bus lanes prominently indicated by distinctive painted lines, pylons, or physical barriers and signs.

(*b*) Proposed ordinances or regulations to prohibit motor vehicles other than buses from operating on any exclusive bus lane. Exemptions may be specified for emergency vehicles.

(*c*) A signed statement by the Mayor of the City of Seattle or his designee identifying the sources and amount of funds.

(4) No later than May 31, 1974, the City of Seattle shall submit to the Administrator legally adopted regulations to implement and enforce the provisions of this paragraph.

(c) The following transit improvement measures shall be implemented by the City of Spokane:

(1) The City of Spokane shall complete at least six park and ride lots with a combined vehicular capacity of at least 2,000 by May 31, 1975. No such park and ride lot shall be closer than 0.5 mile to any boundary of the Spokane central business district.

(i) The City of Spokane shall provide downtown transit service at each park and ride lot required by paragraph (c)(1) of this section.

(ii) The City of Spokane shall submit to the Administrator for his approval, no later than May 31, 1974, a detailed compliance schedule showing the steps it will take to establish the park and ride lots required by this paragraph. The schedule shall contain at a minimum the following:

(*a*) Proposed location and vehicular capacity of each lot;

(*b*) Proposed dates for acquisition of land and initiation of operation;

(*c*) Necessary interagency agreements to implement the measure; and

(*d*) A statement signed by the Mayor of the City of Spokane identifying the source and amount of the funds for each project.

(iii) On June 30, 1974, and on a semiannual basis thereafter, the City of Spokane shall report to the Administrator the progress made in implementation of the measure. Such reports shall contain, as a minimum, data on increased ridership on downtown transit service and number of vehicles using each lot.

[38 FR 32679, Nov. 27, 1973]

§ 52.2494 Bike lanes and bike racks.

(a) Definitions:

(1) "Spokane central business district (CBD)" means the area enclosed by Trent Avenue, Monroe Street, Third Avenue, and Division Street. Streets forming boundaries shall be part of the central business district.

(2) "Bicycle" means a nonmotorpowered, 2-wheeled vehicle.

(3) "Bicycle-lane" means a route for the exclusive use of bicycles, whether constructed especially for that purpose or converted from an existing traffic lane.

(b) This section is applicable in the City of Spokane in the Eastern Washington-Northern Idaho Interstate Air Quality Control Region. Any parking facility that provides vehicular ingress or egress to or from a street forming a boundary of the CBD shall be considered included within the CBD.

(c) By May 31, 1975 the City of Spokane shall provide a two-way network of bicycle lanes in the following corridors:

(1) Approximately 4 miles of continuous two-way bicycle lanes from within 0.5 mile of the intersection of Haven Street and Wellesley Avenue to the Spokane CBD.

(2) Approximately 4 miles of continuous two-way bicycle lanes from within 0.5 mile of the intersection of 29th Avenue and Regal Street to the Spokane CBD.

(3) Approximately 4 miles of continuous two-way bicycle lanes from within 0.5 mile of the intersection of 29th Avenue and Madison Street to the Spokane CBD.

(4) Approximately 3 miles of continuous two-way bicycle lanes from within 0.5 mile of the intersection of Sprague Avenue and Freya Street to the Spokane CBD.

(5) Approximately 3 miles of continuous two-way bicycle lanes from within 0.5 mile of the intersection of Driscoll Boulevard and Garland Street to the Spokane CBD.

(6) Approximately 4 miles of continuous two-way bicycle lanes from within 0.5 mile of the intersection of Nevada Street and Wellesley Avenue to the Spokane CBD.

(d) By May 31, 1974, the City of Spokane shall submit to the Administrator, a detailed compliance schedule that shall, at a minimum, specify:

(1) The names of streets that will provide exclusive bicycle lanes and the location of any lanes to be constructed especially for bicycle use.

(2) The schedule on which the system of bicycle lanes will be established. The schedule must, at a minimum, provide for establishing 25 percent of the total mileage by September 30, 1974; 50 percent by March 31, 1975; and 100 percent by May 31, 1975.

(3) That each lane shall be at least 5 feet wide if the lanes are to be on op-

posite sides of the street to provide for two-way travel, or 10 feet wide if the lane for two-way travel is to be on one side of the street only. Any lane constructed for exclusive bicycle use pursuant to this section shall provide an all-weather, hard, smooth surface and shall conform to the foregoing width specifications.

(4) The methods to be used to clearly designate the bicycle lanes as being reserved for the exclusive use of bicycles (such as painted lines, pylons, or physical barriers and appropriate signs).

(5) A statement signed by the Mayor of Spokane indicating the source, amount, and adequacy of the funds to be used for carrying out the provisions of this section.

(e) No later than April 30, 1974, the City of Spokane may propose alternative corridors to those named in paragraph (c) of this section for the Administrator's approval. The Administrator shall not approve any such alternatives unless he finds that the resulting mileage of bicycle lanes will at least equal the mileage established by paragraph (c) of this section, and that the same areas are served by such alternatives.

(f) No later than July 31, 1974, the City of Spokane shall submit to the Administrator legally adopted regulations sufficient to implement and enforce all of the provisions of this section.

(g) No later than May 31, 1975, every owner and operator of a parking facility (as defined in § 52.2486) within the Spokane central business district shall provide bicycle parking or storage spaces at such facility. At each such facility, the number of bicycle spaces provided shall be at least equal to 4 percent of the number of automobile parking spaces contained within such facility. Each bicycle space must be equipped with a device whereby the bicycle can be secured to it. For purposes of this paragraph, any parking facility that provides vehicular ingress or egress to or from a street forming a boundary of the CBD shall be considered included within the CBD.

[38 FR 32679, Nov. 27, 1973]

§ 52.2495 [Reserved]

§ 52.2496 Maintenance of national standards.

(a) The areas listed below which were determined by the State of Washington are hereby identified by the Administrator pursuant to § 51.12, paragraphs (e) and (f), of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857(h)(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Puget Sound Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

The Washington State Department of Highways Seattle-Tacoma Urban Area-1972. (A complete geographical description of the area is presented in a map of the Seattle-Tacoma Urban Area-1972 prepared by the Washington State Highway Department and available for inspection at the Freedom of Information Center, U.S. EPA Room 206, 401 M Street SW., Washington, D.C.; the U.S. EPA Region X Office, 1200 Sixth Avenue, Seattle, Washington; and the Washington Department of Ecology Headquarters Office, St. Martin's College, Olympia, Washington.)

(2) Spokane Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Spokane Regional Planning Conference Study Area—1968. (A complete geographic description of the area is presented in the Spokane Metropolitan Area Regional Comprehensive Plan Map, dated October 22, 1968, prepared by the Spokane Regional Planning Conference and available for inspection at the Freedom of Information Center, U.S. EPA, Room 206, 401 M Street SW., Washington, D.C.; the U.S. EPA Region X Office, 1200 Sixth Avenue, Seattle, Washington; and the Washington Department of Ecology Headquarters Office, St. Martin's College, Olympia, Washington.)

(3) Portland-Vancouver Interstate Air Quality Maintenance Area (Washington Portion).

(i) Pollutants for which the area is identified: Particulate matter, sulfur dioxide, carbon monoxide, and photochemical oxidants.

(ii) Geographical composition of area:

The Columbia Region Association of Governments—1970 Portland-Vancouver Metropolitan Transportation Study Area. (A complete geographical description of the area is presented in a map of the 1970 Portland-Vancouver Metropolitan Study Area prepared by the Columbia Region Association of Governments and available for inspection at the Freedom of Information Center, U.S. EPA, Room 206, 401 M Street SW., Washington, D.C.; the U.S. EPA Region X Office, 1200 Sixth Avenue, Seattle, Washington; and the Washington Department of Ecology Headquarters Office, St. Martin's College, Olympia, Washington.)

[40 FR 18736, Apr. 29, 1975]

§ 52.2497 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Washington.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart XX—West Virginia

§ 52.2520 Identification of plan.

(a) Title of plan: "State of West Virginia Implementation Plan to Achieve and Maintain Air Quality Standards for Particulates, Sulfur Oxides, Nitrogen Oxides, Carbon Monoxide, Hydrocarbons, and Oxidants."

(b) The plan was officially submitted on January 27, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Addition to the plan regarding legal authority to enforce State laws in the City of Wheeling submitted on March 30, 1972, by the West Virginia Air Pollution Control Commission.

(2) Addition to the plan clarifying Resources section of SIP submitted April 20, 1972, by the West Virginia Air Pollution Control Commission.

(3) Revision to plan regarding "Permit to Construct" rule, Regulation XIII of the West Virginia Air Pollution Control Regulations, submitted May 5, 1972, by the West Virginia Air Pollution Control Commission.

(4) Revision to the plan allowing John E. Amos power plant variance to sulfur-in-fuel regulations submitted November 14, 1973, by the West Virginia Air Pollution Control Commission.

(5) AQMA designations were submitted on June 13, 1974, by the Governor of West Virginia.

(6) Indirect Source Review plan submitted on June 17, 1974, by the West Virginia Air Pollution Control Commission.

(7) Particulate matter regulation for Primary aluminum plants submitted on November 8, 1974, by the West Virginia Air Pollution Control Commission.

(8) Deletion of secondary annual and 24 hour sulfur dioxide standards from Regulation VIII submitted on March 16, 1976 by the Governor of West Virginia.

(9) Amendments to regulation X (to prevent and control air pollution from the emission of sulfur oxides) (section 2.07 added), section 2.08 (former section 2.07), section 2.09 (former section 2.08), section 2.10 (former section 2.09), section 2.11 (former section 2.10), section 2.12 (former section 2.11), section 2.13 (former section 2.12), section 2.14 (former section 2.13), section 2.15 (former section 2.14), section 2.16 (former section 2.15), section 3.01 is superseded by new section 3.01 except section 3.01(1) Kammer Power Station which retains

the old section 3.01(a), section 3.02 is replaced by new section 3.02, section 3.03 is superseded by new section 3.03 except for section 3.03(2) Rivesville Power Station, which retains the old section 3.03(a) and section 3.01(b), section 3.03(1) (Harrison Power Plant) is approved as an interim emission limitation only, sections 3.05, 3.06, and 3.07 (added), section 3.08 (former section 3.05), section 6.01 is superseded by new section 6.01, new section 10 is added, section 11 (replaces former section 10) of the West Virginia Administrative Regulations submitted on January 25, 1978 (as amended September 13, 1978), by the Governor.

(10) Revised plans for attaining primary air quality standards for TSP and SO_2 submitted to EPA by the Governor of West Virginia on June 18, 1979. These plans are contained in a document entitled, "Revisions to the State Implementation Plan to Achieve and Maintain Air Quality Standards for Particulates, Sulfur Oxides, and Ozone."

(11) Revised plan for attaining the ozone standard submitted to EPA by the Governor of West Virginia on November 21, 1979.

(12) Revised Regulations III and VIII, and new Regulations XXI, XXIII, and XXIV, submitted to EPA by the Governor of West Virginia on December 19, 1979.

(13) Amended Sections 3.01(2) and 3.03(1) of Regulation X (to prevent and control air pollution from the emission of sulfur oxides), submitted on January 25, 1978 and amended September 13, 1978 by the Governor.

(14) Amended Regulations VI and VII, and an Identification and Analysis of the Impact of the 1979 West Virginia State Implementation Plan, submitted by the Governor of West Virginia on June 13, 1980.

(15) An Implementation Plan for lead submitted by the Governor of West Virginia on June 13, 1980, and supplementary information subsequently submitted to show that lead sources would be subject to new source review.

(16) Test Procedure for Quantifying Emissions From Bulk Gasoline Loading Terminals, submitted by the Governor of West Virginia on November 6, 1980.

(17) West Virginia's plans for attaining the secondary National Ambient Air Quality Standard for total suspended particulate submitted by the Governor of West Virginia on November 14, 1980.

(42 U.S.C. 7410, 7401-7642)

[37 FR 10901, May 31, 1972, as amended at 41 FR 8967, Mar. 2, 1976; 41 FR 51018, Nov. 19, 1976; 45 FR 54051, Aug. 14, 1980; 45 FR 56060, Aug. 21, 1980; 45 FR 74480, Nov. 10, 1980; 45 FR 76688, Nov. 20, 1980; 46 FR 43144, Aug. 27, 1981; 46 FR 53414, Oct. 29, 1981; 46 FR 57045, Nov. 20, 1981; 47 FR 11281, Mar. 16, 1982]

§ 52.2521 Classification of regions.

The West Virginia plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Steubenville-Weirton-Wheeling Interstate	I	I	III	III	III
Parkersburg-Marietta Interstate	I	II	III	III	III
Huntington-Ashland-Portsmouth-Ironton Interstate	I	III	III	III	III
Kanawha Valley Intrastate	I	III	III	III	III
Southern West Virginia Intrastate	III	III	III	III	III
North Central West Virginia Intrastate	I	III	III	III	III
Cumberland-Keyser Interstate	I	I	III	III	III
Central West Virginia Intrastate	III	III	III	III	III
Allegheny Intrastate	III	III	III	III	III
Eastern Panhandle Intrastate	III	III	III	III	III

[37 FR 10902, May 31, 1972]

§ 52.2522 Approval status.

With the exceptions set forth below in this subpart, the Administrator approves West Virginia's plan for the attainment and maintenance of the national standards.

(a) [Reserved]

(b) The Administrator approves the deletion of the provisions found in section 3.03(b) of regulation X except as it applies to the Rivesville plant, Monongahela Power Co.

(c) The Administrator hereby extends the interim limitation of 5.12 lbs. SO_2 per million BTU for the Harrison power plant until a permanent emission limitation is approved.

(d) In addition, continued satisfaction of the requirements of Part D for ozone portion of the SIP depends on the adoption and submittal of RACT requirements by July 1, 1980 for the sources covered by CTGs issued between January 1978 and January 1979 and the adoption and submittal by each subsequent January of additional RACT requirements for sources covered by CTGs issued by the previous January.

(e) The Administrator approves the amended Sections 3.01(2) and 3.03(1) of West Virginia Air Pollution Control Commission Regulation X submitted January 25, 1978 and amended September 13, 1978, as a plan for attainment of the primary SO_2 NAAQS. The Administrator does not approve the State's control strategy for attainment and maintenance of the secondary SO_2 NAAQS submitted on those dates, so far as it applies to the Mitchell and Harrison power stations.

(42 U.S.C. 7410–7642)

[38 FR 16170, June 20, 1973, as amended at 43 FR 52240, Nov. 9, 1978; 45 FR 39255, June 10, 1980; 45 FR 54051, Aug. 14, 1980; 45 FR 74480, Nov. 10, 1980]

§ 52.2523 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in West Virginia's plan.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Steubenville-Weirton-Wheeling Interstate:							
a. New Manchester-Grant Magisterial District in Hancock County	[1]a	[2]e	[1]g	[3]g	[4]h	[4]h	[4]h
b. Wellsburg Magisterial District in Brooke County	[1]a	[2]e	[1]b	[3]c	[4]h	[4]h	[4]h
c. Remainder of AQCR	[1]a	[2]j	[1]b	[3]c	[4]h	[4]h	[4]h
Parkersburg-Marietta Interstate:							
a. Parkersburg-Tygart Magisterial District in Wood County	[1]b	[2]j	[1]b	[3]c	[4]h	[4]h	[4]h
b. Remainder of AQCR	[1]b	[2]c	[1]b	[3]c	[4]h	[4]h	[4]h
Huntington-Ashland Portsmouth-Ironton Interstate	[1]b	[2]c	[4]b	[4]c	[4]h	[4]h	[4]h
Kanawha Valley Intrastate:							
a. Kanawha County	[1]b	[2]e	[4]b	[4]c	[4]h	[4]h	[4]i
b. Remainder of AQCR	[1]b	[2]c	[4]b	[4]c	[4]h	[4]h	[4]h
Southern West Virginia Intrastate:							
a. Valley Magisterial District in Fayette County	[4]b	[4]e	[4]b	[4]c	[4]h	[4]h	[4]h
b. Remainder of AQCR	[4]b	[4]c	[4]b	[4]c	[4]h	[4]h	[4]h
North Central West Virgina Intrastate:							
a. In Marion County, all portions of Union and Winfield Magisterial Districts west of Intrastate Highway I–79	[1]d	[2]e	[4]b	[4]c	[4]h	[4]h	[4]h
b. Remainder of AQCR	[1]b	[2]c	[4]b	[4]c	[4]h	[4]h	[4]h
Cumberland-Keyser Intrastate	[1]b	[2]c	[1]b	[3]c	[4]h	[4]h	[4]h
Central West Virginia	[4]b	[4]c	[4]b	[4]c	[4]h	[4]h	[4]h
Allegheny Intrastate	[4]b	[4]c	[4]b	[4]c	[4]h	[4]h	[4]h
Eastern Panhandle Intrastate	[4]b	[4]c	[4]b	[4]c	[4]h	[4]h	[4]h

a. December 31, 1982.

b. Air quality levels presently below primary standards or area is unclassifiable.

c. Air quality levels presently below secondary standards or area is unclassifiable.

d. December 31, 1980.

e. Plan for attaining secondary standards not yet submitted.

f. Plan for attaining primary standards not yet submitted.

g. Attainment expected as soon as the Sammis Power Plant meets the SO_2 limitations in the Ohio State Implementation Plan.

h. Air quality levels presently better than National Standards or area is unclassifiable.

i. This is a rural nonattainment area.

[1] Attainment date in 1972 plan was June 1975.

[2] Attainment date in 1972 plan was June 1977.

[3] Attainment date in 1972 plan was June 1978.

[4] Listed as attainment area in 1972 plan.

NOTE: Sources subject to plan requirements and attainment dates established under Section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.2523 (1978).

(42 U.S.C. 7401-7642)

[37 FR 10902, May 31, 1972, as amended at 45 FR 54052, Aug. 14, 1980]

§ 52.2524 Compliance schedules.

(a) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(b) *Federal compliance schedules.* (1) The owner or operator of any boiler or furnace of more than 250 million Btu per hour heat input subject to the emission limitation requirements of West Virginia Administrative Regulations, Chapter 16-20, Series X (hereinafter regulation X), section 3.01(a) or section 3.03(a), shall notify the Administrator, no later than October 1, 1973, of his intent to meet the requirements of said regulation by utilizing low-sulfur fuel, stack gas desulfurization, or a combination of stack gas desulfurization and low-sulfur fuel.

(2) Any owner or operator of a stationary source subject to paragraph (b)(1) of this section who elects to utilize low-sulfur fuel, either alone or in combination with stack gas desulfurization, shall be subject to the following compliance schedule:

(i) November 1, 1973—Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with the applicable regulation on June 30, 1975, and for at least one year thereafter.

(ii) December 31, 1973—Sign contracts with fuel suppliers for fuel requirements as projected above.

(iii) January 31, 1974—Submit a statement as to whether boiler modifications will be required. If modifications will be required, submit plans for such modifications.

(iv) March 15, 1974—Let contracts for necessary boiler modifications, if applicable.

(v) May 15, 1974—Initiate onsite modifications, if applicable.

(vi) February 28, 1975—Complete onsite modifications, if applicable.

(vii) June 30, 1975—Final compliance with the requirements of regulation X, section 3.01(a) or section 3.03(a).

(3) Any owner or operator of a stationary source subject to paragraph (b)(1) of this section who elects to utilize stack gas desulfurization, either alone or in combination with low-sulfur fuel, and any owner or operator of a stationary source subject to the emission limitation requirements of regulation X, section 3.05, shall be subject to the following compliance schedule:

(i) October 15, 1973—Let necessary contracts for construction.

(ii) February 28, 1974—Initiate onsite construction.

(iii) February 28, 1975—Complete onsite construction.

(iv) June 30, 1975—Final compliance with the requirements of regulation X, section 3.01(a), section 3.03(a), or section 3.05.

(4) The owner or operator of any boiler or furnace of more than 250 million Btu per hour heat input subject to the emission limitation requirements of regulation X, section 3.01(b) or section 3.03(b) shall notify the Administrator, no later than July 31, 1975, of his intent to meet the requirements of said regulation by utilizing low-sulfur fuel, stack gas desulfuriza-

tion, or a combination of stack gas desulfurization and low-sulfur fuel.

(5) Any owner or operator of a stationary source subject to paragraph (b)(4) of this section who elects to utilize low-sulfur fuel, either alone or in combination with stack gas desulfurization, shall be subject to the following compliance schedule:

(i) August 31, 1975—Submit to the Administrator a projection of the amount of fuel, by types, that will be substantially adequate to enable compliance with the applicable regulation on June 30, 1978, and for at least one year thereafter, as well as a statement as to whether boiler modifications will be required. Submit final plans for modifications if they will be required.

(ii) October 31, 1975—Sign contracts with fuel suppliers for fuel requirements as projected above.

(iii) December 31, 1975—Let contracts for necessary boiler modifications, if applicable.

(iv) April 30, 1976—Initiate onsite modifications, if applicable.

(v) April 30, 1977—Complete onsite modifications, if applicable.

(vi) June 30, 1978—Final compliance with the requirements of regulation X, section 3.01(b) or section 3.03(b).

(6) Any owner or operator of a stationary source subject to paragraph (b)(4) of this section who elects to utilize stack gas desulfurization, either alone or in combination with low-sulfur fuel, shall be subject to the following compliance schedule:

(i) October 30, 1975—Submit to the Administrator a final control plan, which describes at a minimum the steps which will be taken by the source to achieve compliance with the applicable regulations.

(ii) February 28, 1976—Let necessary contracts for construction.

(iii) August 31, 1976—Initiate onsite construction.

(iv) December 31, 1977—Complete onsite construction.

(v) June 30, 1978—Final compliance with the requirements of regulation X, section 3.01(b) or section 3.03(b).

(7) Any owner or operator subject to the compliance schedule in paragraph (b) (2), (3), (5) or (6) of this section shall certify to the Administrator within five days after the deadline for each increment of progress, whether or not the required increment of progress has been met.

(8) If a performance test is necessary for a determination as to whether compliance has been achieved, such a test must be completed by the final compliance date in the applicable regulation. Ten days prior to such a test, notice must be given to the Administrator to afford him the opportunity to have an observer present.

(9) (i) None of the above paragraphs shall apply to a source which is presently in compliance with applicable regulations and which has certified such compliance to the Administrator by October 1, 1973. The Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(iv) The requirements of this paragraph shall not apply to the following sources for which a request for a postponement of the applicability of regulation X had been submitted pursuant to section 110(f) of the Act prior to the date of publication of this regulation:

Source	Location
Kammer Station, Ohio Power Company	Moundsville.
Mitchell Station, Ohio Power Company	Do.
Harrison Station, Monongahela Power Company.	Haywood.
Fort Martin Station, Monongahela Power Company.	Maidsville.

(10) Nothing in this paragraph shall preclude the Administrator from pro-

mulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (b) (2), (3), (5), or (6) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(c) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State of West Virginia.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Monongahela Power Co., Rivesville Station.	Fairmont	II	Dec. 14, 1972	Immediately	Mar. 27, 1975.
Chesapeake and Ohio Railway Co., Huntington Shops.	Huntington	II	Dec. 7, 1972	do	Oct. 31, 1974.
Central Operating Co., Philip Sporn Plant.	New Haven	II	Dec. 14, 1972	do	June 30, 1975.
E. I. DuPont deNemours & Co., Inc.	Parkersburg	II	July 12, 1973	do	Do.
International Nickel Co., Inc., Huntington Alloy Products Division.	Huntington	VII	do	do	Dec. 31, 1974.
Koppers Co., Inc	Follansbee	II	July 5, 1973	do	May 30, 1975.
PPG Industries Inc	New Martinsville	II	Dec. 7, 1972	do	July 1, 1975.
Quaker State Oil Refining Corp., Ohio Valley Plant.	St. Marys	II	July 5, 1973	do	June 1, 1975.
Mercury Coal and Coke, Inc	Morgantown	VII	Sept. 20, 1973	do	June 30, 1975.
Mountaineer Carbon Co	Moundsville	VII	Dec. 14, 1972	do	Do.
Weirton Steel Division, National Steel Corp.	Weirton	II	Oct. 26, 1972	do	Dec. 31, 1974.
Union Carbide Corp., Ferroalloys Division.	Alloy	VII	Oct. 29, 1970	do	Jan. 1, 1975.
Monongahela Power Co., Albright Station.	Albright	II	Dec. 14, 1972	do	Feb. 1, 1975.
Owens-Illinois Glass Works, Fairmont Plant	Fairmont	VII	Oct. 30, 1973	do	July 1, 1975.
Owens-Illinois Glass Works, Huntington Plant.	Huntington	VII	do	do	Jan. 7, 1975.
Johns-Manville Fiber Glass Plant	Vienna	VII	Nov. 2, 1973	do	June 1, 1975.
Quaker State Oil Refining Corp	St. Marys	VII	July 5, 1973	do	Aug 30, 1974.
Sterling Faucet Co., Cast Products Plant.	Morgantown	VII	Dec. 14, 1972	do	Feb. 1, 1975.
Sterling Faucet Co., Pittsburgh Valve Plant.	do	VII	do	do	Do.
Union Carbide Corp., Chemicals and Plastics Division.	Sistersville	II	do	do	Dec. 30, 1974.
Wheeling Pittsburgh Steel Corp., Steubenville Plant, East Division, Byproduct Coke Plant.	Follansbee	II	Sept. 20, 1973	do	Sept. 30, 1974.
Allied Chemical Corp., Industrial Chemical Division, South Plant.	Moundsville	II	Oct. 26, 1972	do	Mar. 1, 1975.
American Cyanamid Co	Willow Island	II	Dec. 7, 1972	do	Feb. 1, 1975.
Allied Chemical Co	Moundsville	X	Oct. 26, 1972	do	June 1, 1975.
American Cyanamid	Willow Island	X	Dec. 7, 1972	do	Feb. 1, 1975.
FMC Corp	South Charleston.	X[1]	July 5, 1973	do	June 30, 1975.
Monsanto Corp	Nitro	X[1]	do	do	Do.
PPG Industries, Inc	Natrium	X[1]	Dec. 14, 1972	do	July 1, 1975
Do	do	X	Dec. 7, 1972	do	Do.
Weirton Steel Division National Steel Corp.	Weirton	X	Oct. 26, 1972	do	Dec. 31, 1974.
Do	do	X[1]	Dec. 7, 1972	do	Apr. 15, 1975.
Union Carbide Corp	Sistersville	X	Dec. 14, 1972	do	Dec. 30, 1974.
R.B.S., Inc., Greystone Quarry	White Sulphur Springs.	VII	Jan. 11, 1974	do	Dec. 31, 1974.
Savannah Lane Quarry Division of Kathy's Farm, Inc.	Frankford	VII	do	do	Do.
State of West Virginia Ind. Conservation Committee.	Charleston	VII	do	do	June 30, 1975.
Westinghouse Electric Corp., Fluorescent and Lamp division.	Fairmont	VII	Apr. 19, 1974	do	June 1, 1975.
Acme Limestone Co	Fort Spring	VII	do	do	June 30, 1975.
Brown's Limestone	Salem	VII	do	do	Nov. 30, 1974.

Source	Location	Regulation involved	Date of adoption	Effective date	Final compliance date
Corning Glass Works, Parkersburg plant.	Parkersburg	VII	do	do	Dec. 31, 1974.
Corning Glass Works, Martinsburg.	Martinsburg	VII	Apr. 19, 1974	do	July 1, 1975.
Pocahonta Construction Co	Marlinton	VII	Jan. 11, 1974	do	June 30, 1975.

[1] Process.

[38 FR 16170, June 20, 1973, as amended at 38 FR 22751, Aug. 23, 1973; 38 FR 24342, Sept. 7, 1973; 39 FR 32560, Sept. 9, 1974; 40 FR 3569, Jan. 23, 1975]

§ 52.2525 Control strategy: Sulfur dioxide.

(a) The provisions of § 51.13(e) are not met because the State did not adequately demonstrate that the deletion of section 3.03(b) of West Virginia regulation X as it applies to the Rivesville plant would not interfere with attainment and maintenance of the national ambient air quality standard.

(42 U.S.C. 7410, 7601)

[43 FR 52240, Nov. 9, 1978]

§ 52.2526 Maintenance of national standards.

(a) Under the requirements of § 51.12 (e) and (f) of this chapter, the Administrator, in agreement with the State of West Virginia, has identified no areas that have the potential for violation of the national ambient air quality standards within 10 years.

[40 FR 41953, Sept. 9, 1975]

§ 52.2527 [Reserved]

§ 52.2528 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of West Virginia.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.2529 Review of new sources and modifications.

EPA's approval of West Virginia's plans for attaining primary total suspended particulate standards in the Steubenville-Weirton-Wheeling Interstate AQCR and in those portions of Union and Winfield Magisterial Districts in Marion County west of Interstate Route 79, for attaining the ozone standard in the Kanawha Valley Intrastate AQCR, and for attaining sulfur dioxide standards in the New Manchester-Grant Magisterial District in Hancock County, is given on the condition that:

(a) West Virginia adopts a permanent regulation requiring preconstruction review and emission offsets. This regulation must meet the requirements of Section 173 of the 1977 Clean Air Act Amendments.

(b) West Virginia keeps a temporary regulation requiring preconstruction review and emission offsets in effect until EPA approves a permanent regulation.

(c) West Virginia submits all permits issued under provisions of its temporary preconstruction review and offset regulation to EPA for approval as SIP revisions.

(42 U.S.C. 7401-7642)

[45 FR 54051, Aug. 14, 1980]

§ 52.2530 [Reserved]

§ 52.2531 Control strategy: (Hydrocarbons).

EPA's approval of West Virginia's plan for attaining the ozone standard in the Kanawha Valley Intrastate AQCR is given on the condition that

West Virginia adopts an adequate test method for Regulation XXIII submits this test method to EPA as a SIP revision.

(42 U.S.C. 7401-7642)

[45 FR 54052, Aug. 14, 1980]

§ 52.2532 Control strategy: Particulate matter.

(a) EPA's approval of West Virginia's plan for attaining total suspended particulate standards in the Steubenville-Weirton-Wheeling Interstate AQCR is given on the condition that West Virginia revises Regulation VII and submits this revised regulation to EPA for incorporation into the West Virginia SIP.

(b) West Virginia's does not have approved plans for attaining secondary TSP standards in the Steubenville-Weirton-Wheeling AQCR, Kanawha County and the adjacent Valley Magisterial District in Fayette County, and the Parkersburg Tygart Magisterial District in Wood County.

(42 U.S.C. 7401-7642)

[45 FR 54052, Aug. 14, 1980]

Subpart YY—Wisconsin

§ 52.2570 Identification of plan.

(a) Title of plan: "A Statewide Implementation Plan to Achieve Air Quality Standards for Particulates, Sulfur Oxides, Nitrogen Oxides, Hydrocarbons, Oxidants, and Carbon Monoxide in the State of Wisconsin."

(b) The plan was officially submitted on January 14, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) An abatement order for the Alma Power Plant in the Southeast La-Crosse AQCR was issued on February 15, 1972, by the State Department of Natural Resources. (Non-regulatory)

(2) On March 3, 1972, the control strategy (IPP) for the Southeast Wisconsin Interstate was submitted by the State Department of Natural Resources. (Non-regulatory)

(3) The air quality monitoring network was submitted by the State Department of Natural Resources on March 16, 1972. (Non-regulatory)

(4) Revisions to the air quality monitoring network were submitted on April 7, 1972, by the State Department of Natural Resources. (Non-regulatory)

(5) A revised order, hearing documents and other information concerning the meeting of standards by the Alma Power Plant was submitted on January 19, 1973, by the Governor. Also submitted were revisions to emergency episode levels regulation NR 154.01(41)(c)-3 and NR 154.01(41)(c)-4.

(6) Compliance schedules were submitted on June 26, 1973, by the State.

(7) Compliance schedules were submitted on October 11, 1973, by the State.

(8) Compliance schedules were submitted on October 19, 1973, by the State.

(9) Compliance schedules were submitted on November 10, 1973, by the State.

(10) Compliance schedules were submitted on December 12, 1973, by the State.

(11) The Governor of the State submitted the Air Quality Maintenance Areas designations on June 21, 1974.

(12) A request for an extension of the statutory timetable for the submittal of the portion of the Wisconsin SIP which provides for the attainment of the Secondary NAAQS for TSP was submitted by the Wisconsin DNR on February 22, 1979, and was supplemented with additional information on April 16, 1979 and May 13, 1980.

(13) On June 4, 1979, the State submitted revisions to regulation NR 154.13 and to regulation NR 154.01 as it applies to regulation NR 154.13 and a commitment by the Wisconsin Natural Resources Board to adopt any additional rules representing reasonably available control technology which are necessary for the attainment of the ozone standard. NR 154.01 and NR 154.13 were published in the Wisconsin Administrative Register in July 1979 and were amended in the August 1979 Register.

(14) On November 27, 1979 the Wisconsin Department of Natural Resources submitted revised rules NR 154.01 (126m), 154.02, 154.03 and 154.06. Support materials for these regulations were previously submitted on July 12, 1979 and September 4, 1979.

(15) On May 1, 1980, the Wisconsin Department of Natural Resources submitted the sulfur dioxide regulations NR 154.12 (4) and (5) for the Village of Brokaw, Marathon County and the City of Madison, Dane County.

(16) On July 12, 1979, Wisconsin submitted its ozone and carbon monoxide plan. This included the plan for the Green Bay, Madison, and Milwaukee urban areas which include the ozone nonattainment counties of Brown, Dane, Kenosha, Milwaukee, Ozaukee, Racine and Waukesha. Supplemental materials and commitments were submitted on September 4, 1979, February 28, 1980, August 12, 1980, September 25, 1980, November 4, 1980 and April 9, 1981.

(17) On July 12, 1979, Wisconsin submitted its vehicle inspection and maintenance program. Supplemental information and commitments were submitted on August 1, 1979, October 16, 1979, May 7, 1980, May 8, 1980, and April 9, 1981.

(18) On July 12, 1979 Wisconsin submitted its new source review regulations. Additional information was submitted on September 4, 1979, November 27, 1979, May 1, 1980, and February 18, 1981. EPA is only approving these submittals as they relate to the new source review plan for nonattainment areas.

(19) On April 18, 1980, the State of Wisconsin submitted a revision to provide for modification of the existing air quality surveillance network. An amendment to the revision was submitted by the State of Wisconsin on September 15, 1980.

(20) On September 9, 1980, the State of Wisconsin submitted a variance to regulation NR 154.13(3)(c) for Avis Rent-A-Car.

(21) On October 29, 1980 the State submitted a variance to regulation NR 154.13(3)(a) for Union Oil Company bulk gasoline terminal in Superior.

(22) On July 12, 1979, the State submitted revisions to Regulation NR 154.09, Wisconsin Administrative Code.

(23) Revision to plan allowing General Motors Assembly Division Janesville plant variance from Regulation NR 154.13(4)(g) 4.a., Wisconsin Administrative Code submitted January 15, 1981 by the State Department of Natural Resources.

(24) On August 31, 1981, Wisconsin submitted a variance from the provisions of Section NR 154.12(5)(a)2.b.2, and NR 154.12(5)(b) Wisconsin Administrative Code, for the Oscar Mayer and Company plant located in Madison, Wisconsin as a revision to the Wisconsin sulfur dioxide SIP.

(25) Revision to plan allowing W. H. Brady Company in Milwaukee variance from regulation NR 154.13(4) (e) and (f), Wisconsin Administrative Code, submitted January 22, 1982, by the State Department of Natural Resources.

(26) Revision to plan allowing Albany Carbide Corporation in Albany variance from regulation NR 154.13(5)(a), Wisconsin Administrative Code, submitted on December 22, 1981, by the State Department of Natural Resources.

(27) On January 15, 1981, the Wisconsin Department of Natural Resources submitted revisions to regulations NR 154.01 and NR 154.13 representing reasonably available control technology which are necessary to attain and maintain the ozone standard. A supplemental commitment was submitted March 31, 1982.

(Secs. 110, 172, 301(a) and 319 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502, 7619))

[37 FR 10902, May 31, 1972, as amended at 41 FR 8968, Mar. 2, 1976; 45 FR 2322, Jan. 11, 1980; 46 FR 21168, Apr. 9, 1981; 46 FR 22376, Apr. 17, 1981; 46 FR 30496, June 9, 1981; 46 FR 41055, Aug. 14, 1981; 46 FR 42269, Aug. 20, 1981; 46 FR 51606, Oct. 21, 1981; 46 FR 57896, Nov. 27, 1981; 47 FR 15784, Apr. 13, 1982; 47 FR 21043, May 17, 1982; 47 FR 26623, June 21, 1982]

EFFECTIVE DATE NOTE: In § 52.2570, paragraphs (c) (25) and (26) were added at 47 FR 21043, May 17, 1982, effective July 16, 1982, and paragraph (c)(27) was added at 47 FR 26623, June 21, 1982, effective July 21, 1982.

§ 52.2571 Classification of regions.

The Wisconsin plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Ozone
Duluth (Minnesota)-Superior (Wisconsin) Interstate	I	II	III	III	III
North Central Wisconsin Intrastate	II	III	III	III	III
Lake Michigan Intrastate	II	III	III	III	III
Southeast Minnesota-La Crosse (Wisconsin) Interstate	II	IA	III	III	III
Southern Wisconsin Intrastate	II	III	III	III	III
Southeastern Wisconsin Intrastate	I	II	III	III	I
Rockford (Illinois)-Jamesville-Beloit (Wisconsin) Interstate	II	III	III	III	III
Metropolitan Dubuque Interstate	I	III	III	III	III

[37 FR 10902, May 31, 1972, as amended at 39 FR 16348, May 8, 1974; 45 FR 2322, Jan. 11, 1980]

§ 52.2572 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Wisconsin's plans for the attainment and maintenance of the national standards under section 110 of the Clean Air Act. Furthermore, the Administrator finds the plans satisfy all requirements of Part D, Title I, of the Clean Air Act as amended in 1977, except as noted below.

[45 FR 2322, Jan 11, 1980]

§ 52.2573 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met since the plan does not provide for public availability of emission data.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1-June 30 and July 1-December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at other locations in the state designated by the Regional Administrator.

[37 FR 10902, May 31, 1972, as amended at 40 FR 55334, Nov. 28, 1975]

§ 52.2574 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met since section 144.33 of the Wisconsin Air Law will preclude the release of emission data in certain situations.

[37 FR 10902, May 31, 1972]

§ 52.2575 Control strategy: Sulfur dioxide.

(a) Part D—Approval—With the exceptions set forth in this subpart, the Administrator approved the Wisconsin sulfur dioxide control plan.

(1) Part D—No action—USEPA takes no action on the Wisconsin sulfur dioxide rules NR 154.12 (1), (2) and (3).

(Secs. 110 and 172 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502))

[46 FR 21168, Apr. 9, 1981]

§ 52.2576 [Reserved]

§ 52.2577 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. The dates reflect the information presented in Wisconsin's plan, except where noted.

Air quality control region	Pollutant						
	TSP		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Duluth (Minnesota)-Superior (Wisconsin) Interstate (AQCR 129):							
a. Primary/Secondary nonattainment areas	a	f	b	a	c	c	c
b. Remainder of AQCR	c	c	c	c	c	c	c
North Central Wisconsin Intrastate (AQCR 238):							
a. Primary/Secondary nonattainment areas	b	f	d	c	c	c	d
b. Remainder of AQCR	c	c	c	c	c	c	c
Lake Michigan Intrastate (AQCR 237):							
a. Primary/Secondary nonattainment areas	b	f	c	c	c	c	d
b. Remainder of AQCR	c	c	c	c	c	c	c
Southwest Minnesota-LaCrosse (Wisconsin) Interstate (AQCR 128):							
a. Primary/Secondary nonattainment areas	b	f	a	a	c	c	c
b. Remainder of AQCR	c	c	c	c	c	c	c
Southern Wisconsin Intrastate (AQCR 240):							
a. Primary/Secondary nonattainment areas	b	f	d	c	c	c	d
b. Remainder of AQCR	c	c	c	c	c	c	c
Southeastern Wisconsin Intrastate (AQCR 239):							
a. Primary/Secondary nonattainment areas	a	f	b	a	c	e	e
b. Remainder of AQCR	c	c	c	c	c	c	c
Rockford (Illinois)-Janesville-Beloit (Wisconsin) Interstate (AQCR 73):							
a. Primary/Secondary nonattainment areas	b	a	c	c	c	c	c
b. Remainder of AQCR	c	c	c	c	c	c	c
Metropolitan Dubuque Interstate (AQCR 68):							
a. Primary/Secondary nonattainment areas	a	a	c	c	c	c	c
b. Remainder of AQCR	c	c	c	c	c	c	c

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a. July, 1975

b. Air quality levels presently below primary standards or is unclassifiable.

c. Air quality levels presently below secondary standards or is unclassifiable.

d. December 31, 1982.

e. December 31, 1987.

f. 18-month extension granted.

NOTE: Sources subject to the plan requirements and attainment dates established under section 110(a)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with these requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.2577 (1978).

For actual nonattainment designations refer to 40 CFR Part 81.

Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

(Secs. 110 and 172 of the Clean Air Act as amended (42 U.S.C. 7410 and 7502))

[46 FR 25300, May 6, 1981, as amended at 46 FR 42270, Aug. 20, 1981]

§ 52.2578 Compliance schedules.

(a) [Reserved]

(b) The requirements of § 51.15(c) of this chapter are not met since compliance schedules with adequate increments of progress have not been submitted for every source for which they are required.

(c) *Federal compliance schedules.* (1) Except as provided in paragraph (c)(3) of this section, the owner or operator of any stationary source in the Southeast Wisconsin AQCR subject to the following emission limiting regulation in the Wisconsin implementation plan shall comply with the applicable compliance schedule in paragraph (c)(2) of this section: Wisconsin Air Pollution Control Regulation NR 154.13.

(2) (i) *Compliance schedules.* The owner or operator of any stationary source in the Southeast Wisconsin AQCR subject to NR 154.13 shall notify the Administrator no later than October 1, 1973, of his intent either to install necessary control systems per Wisconsin Air Pollution Control Regulation NR 154.13(2) or to switch to an exempt solvent per Wisconsin Air Pollution Control Regulation NR 154.13(3) to comply with the requirements of Wisconsin Air Pollution Control Regulation NR 154.13.

(ii) Any owner or operator of a stationary source subject to paragraph (c)(2)(i) of this section who elects to comply with the requirements of NR 154.13 by installing a control system shall take the following actions with respect to the source no later than the specified dates.

(*a*) November 1, 1973—Advertise for bids for purchase and/or construction of control system or purchase of requisite material for process modification sufficient to control hydrocarbon emissions from the source.

(*b*) December 15, 1973—Award contracts or issued order for purchase and/or construction of control system or purchase of requisite material for process modification sufficient to control hydrocarbon emissions from the source.

(*c*) April 15, 1974—Initiate onsite construction or installation of control system or process modification.

(*d*) November 1, 1974—Complete onsite construction or installation of control system or process modification.

(*e*) January 1, 1975—Achieve final compliance with Wisconsin Air Pollution Control Regulation NR 154.13.

(iii) Any owner or operator of a stationary source subject to paragraph (c)(2)(i) of this section, who elects to comply with the requirements of Wisconsin Air Pollution Control Regulation NR 154.13 by switching to an exempt solvent, shall take the following actions with respect to the source no later than the dates specified.

(*a*) April 1, 1974—Begin testing exempt solvents.

(*b*) June 1, 1974—Issue purchase orders for exempt solvents.

(*c*) December 1, 1974—Convert to complete use of exempt solvent.

(*d*) January 1, 1975—Achieve full compliance with Wisconsin Air Pollution Control Regulation NR 154.13.

(iv) Any owner or operator subject to a compliance schedule above shall certify to the Administrator, within five days after the deadline for each increment of progress in that schedule, whether or not the increment has been met.

(3) (i) None of the above paragraphs shall apply to a source which is presently in compliance with applicable regulations and which has certified such compliance to the Administrator by October 1, 1973. The Administrator may request whatever supporting information he considers necessary for proper certification.

(ii) Any compliance schedule adopted by the State and approved by the

Administrator shall satisfy the requirements of this paragraph for the affected source.

(iii) Any owner or operator subject to a compliance schedule in this paragraph may submit to the Administrator no later than October 1, 1973, a proposed alternative compliance schedule. No such compliance schedule may provide for final compliance after the final compliance date in the applicable compliance schedule of this paragraph. If promulgated by the Administrator, such schedule shall satisfy the requirements of this paragraph for the affected source.

(4) Nothing in this paragraph shall preclude the Administrator from promulgating a separate schedule for any source to which the application of the compliance schedule in paragraph (c)(2) of this section fails to satisfy the requirements of § 51.15 (b) and (c) of this chapter.

(d) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.6 and § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

WISCONSIN

Source	Location	Regulations involved	Date schedule adopted	Final compliance date
BROWN COUNTY				
Wisconsin Public Service Corp	Green Bay	NR154.11(5)(c)	May 11, 1973	May 1, 1975.
BUFFALO COUNTY				
Dairyland Power Cooperative	Alma	NR154.12(1)	Aug. 16, 1972	May 1, 1974.
GRANT COUNTY				
Wisconsin Power & Light Co., Nelson Dewey Plant.	Casseville	NR154.11(5)(b)	June 8, 1973	June 1, 1974.
OUTAGAMIE COUNTY				
Kimberly-Clark Corp	Kimberly	NR154.11(5)(c)	May 15, 1973	Oct. 1, 1974.
Thilmany Pulp and Paper Co	Kaukauna	NR154.11(5)(c)	May 1, 1973	May 1, 1975.
SHEBOYGAN COUNTY				
Kohler Co	Kohler	NR154.11(4)(b)	May 11, 1973	Feb. 1, 1975.
DOUGLAS COUNTY				
ADM Grain Co	Superior	NR154.11(4)(b)	July 18, 1973	July 15, 1974.
M&O Elevators Inc	do	NR154.11(4)(b)	Sept. 25, 1973	
(a) Units 1–6				June 30, 1974.
(b) Units 7–11				Apr. 30, 1975.
KENOSHA COUNTY				
American Motors Corp. (Main Plant)	Kenosha	NR154.13(2)(i)	Sept. 25, 1973	Jan. 1, 1975.
LINCOLN COUNTY				
Owens-Ill. Inc. (Forest Products Div.):				
(a) Boilers 3, 4	Tomahawk	NR154.11(5)(b)	Sept. 25, 1973	Dec. 31, 1973.
(b) Boilers 6, 7, 8	do	NR154.11(5)(b)	do	Dec. 31, 1974.
MARATHON COUNTY				
Weyerhaeuser Co	Rothschild	NR154.11(5)(b)	Sept. 17, 1973	Oct. 31, 1974.
ONEIDA COUNTY				
St. Regis Paper Co	Rhinelander	NR154.11(4)(b); (5)(b).	Oct. 11, 1973	Sept. 30, 1974.

WISCONSIN—Continued

Source	Location	Regulations involved	Date schedule adopted	Final compliance date
OZAUKEE COUNTY				
Allis Chalmers Corp	Pt. Washington	NR154.13(2)(i)	July 13, 1973	Jan. 1, 1975.
Doerr Electric Corp	Cedarburg	NR154.13(2)(i)	Sept. 4, 1973	Do.
EST Co. Inc	Grafton	NR154 13(2)(i)	do	Do.
Jor-Mac Co. Inc	do	NR154.13(2)(i)	do	Do.
Tecumseh Products Co. (Power Products Div.)	Grafton	NR154.13(2)(i)	July 13, 1973	June 1, 1974.
RACINE COUNTY				
Emerson Electric Co. (In-Sink-Eractor Div.)	Racine	NR154.13(2)(i)	Sept. 4, 1973	Jan. 1, 1975.
Jacobsen Mfg. Co	do	NR154.13(2)(i)	Sept. 27, 1973	Do.
Keystone Ferrule and Nut Corp	Burlington	NR154.13(2)(i)	Sept. 4, 1973	July 1, 1974.
Western Publishing Co	Racine	NR154.13(2)(i)	Apr. 16, 1973	Jan. 1, 1975.
WALWORTH COUNTY				
Alpha Cast Inc	Whitewater	NR154.11(4)(b)	July 27, 1973	Dec. 31, 1974.
WASHINGTON COUNTY				
Broan Mfg. Co. Inc	Hartford	NR154.13(2)(i)	Aug. 9, 1973	Jan. 1, 1975.
Chrysler Outboard Corp	do	NR154.13(2)(i)	Sept. 4, 1973	Do.
Gehl Co	West Bend	NR154.13(2)(i)	Sept. 6, 1973	Do.
Kasten Mfg. Corp	Allenton	NR154.13(2)(i)	Sept. 25, 1973	June 1, 1974.
International Stamping Co., Inc	Hartford	NR154.13(2)(i)	Sept. 12, 1973	Jan. 1, 1974.
Regal Ware, Inc	Kewashkum	NR154.13(2)(i)	Aug. 6, 1973	Jan. 1, 1975.
West Bend Co	West Bend	NR154.13(2)(i)	do	Mar. 1, 1974.
WAUKESHA COUNTY				
Aeroshale, Inc	Waukesha	NR154.13(2)(i)	Sept. 4, 1973	July 1, 1974.
Amron Corp	do	NR154.13(2)(i)	July 5, 1973	Do.
E. D. Artz Inc	Brookfield	NR154.13(2)(i)	Sept. 6, 1973	Jan. 1, 1975.
Oven System, Inc	New Berlin	NR154.13(2)(i)	Sept. 14, 1973	May 1, 1974.
Wenthe-Davidson Engineering Co	do	NR154.13(2)(i)	Sept. 4, 1973	Jan. 1, 1974.
WOOD COUNTY				
Nekoosa Edwards Paper Co., Inc	Pt. Edwards	NR154.11(5)(b)	Aug. 20, 1973	Sept. 28, 1974.

(e) The compliance schedule for the source identified below is disapproved as not meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the State, unless otherwise noted.

Source	Location	Regulation involved	Date schedule adopted
DOUGLAS COUNTY			
M&O Elevators Inc. (c) Units 12-17	Superior	NR154.11(4)(b)	Sept. 25, 1973.
MARATHON COUNTY			
Mosinee Paper Co	Mosinee	NR154.11(4), (5)	May 19, 1973.

(42 U.S.C. 7410)

[38 FR 16170, June 20, 1973, as amended at 38 FR 22752, Aug. 23, 1973; 38 FR 24832, Sept. 7, 1973; 39 FR 28159, Aug. 5, 1974; 39 FR 32608, Sept. 10, 1974; 43 FR 53440, Nov. 16, 1978]

§ 52.2579 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Wisconsin.

[39 FR 7285, Feb. 25, 1974]

§ 52.2580 Maintenance of national standards.

(a) The areas listed below, which were identified by the State of Wisconsin, are hereby identified by the Administrator pursuant to § 51.12(e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Illinois-Indiana-Wisconsin Interstate Air Quality Maintenance Area (Wisconsin portion).

(i) Pollutants for which the area is identified: Particulate matter, photochemical oxidants, and sulfur dioxide.

(ii) Geographical composition of area:

Kenosha County
Milwaukee County
Ozaukee County
Racine County
Walworth County
Washington County
Waukesha County

(2) Lake Michigan Subregion Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Brown County, Outagamie County, Winnebago County.

[40 FR 23756, June 2, 1975]

§ 52.2581 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Wisconsin.

(c) All applications and other information required pursuant to § 52.21 from sources in the State of Wisconsin shall be submitted to the Secretary of Wisconsin Department of Natural Resources, P.O. Box 7921, Madison, Wisconsin 53707 instead of the EPA Region V office.

(Secs., 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[45 FR 52741, Aug. 7, 1980, and 46 FR 9585, Jan. 29, 1981]

§ 52.2582 Extensions.

The Administrator hereby extends until July 1, 1980 the statutory timetable for submission of Wisconsin's plan for attainment and maintenance of the Secondary NAAQS for TSP in Brokaw, Green Bay, Kenosha, LaCrosse, Madison, Manitowoc, Marshfield, Neenah, Oshkosh, Racine, and Superior. The plan will be due on July 1, 1980.

(Secs. 110 and 172 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502))

[46 FR 21168, Apr. 9, 1981]

§ 52.2583 Control strategy: Carbon monoxide.

(a) Part D Conditional Approval—The Wisconsin plan for Milwaukee is approved provided that the following conditions are satisfied:

(1) The plan must if necessary, contain by January 1, 1982 carbon monoxide strategies for identified hotspots in Milwaukee.

(2) The plan must contain by August 15, 1981 a funding/manpower resource commitment for implementing Wisconsin's I/M program.

(3) The plan must contain by August 15, 1981 a revised schedule for implementing Wisconsin's I/M program.

(Secs. 110 and 172 of the Act as amended (42 U.S.C. 7410 and 7502))

[46 FR 42270, Aug. 20, 1981]

Subpart ZZ—Wyoming

§ 52.2620 Identification of plan.

(a) Title of plan: "Implementation Plan for Air Quality Control, State of Wyoming."

(b) The plan was officially submitted on January 26, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Compliance schedule information in three plants submitted March 28, 1972, by the Department of Health and Social Services (DHSS). (Non-regulatory.)

(2) Procedural clarification to emergency episodes plan submitted May 3, 1972, by DHSS.

(3) Particulate compliance schedules submitted February 9, 1973, by DHSS.

(4) Emergency episode plan submitted February 27, 1973, by DHSS. (Non-regulatory).

(5) Compliance schedules submitted on March 1, 1973, by DHSS.

(6) Revision of Wyoming's Standards and Regulations (Chapter I, Section 1-20) submitted April 18, 1973, by DHSS.

(7) Revision of particulate control strategy to require compliance with particulate standards not later than January 31, 1974, except where approved by EPA and compliance schedule portions of the plan submitted May 29, 1973, by DHSS.

(8) Compliance schedule revisions, legal authority additions, update of Wyoming's Air Quality Standards and Regulations, non-regulatory source surveillance and new source review procedures submitted on August 7, 1974, by the Governor.

(9) Legal authority additions and compliance schedule revisions submitted on February 19, 1976, by the Governor.

(10) Requirements for continuous opacity monitoring by all fossil fuel fired steam generators with heat inputs in excess of 250 million Btu per hour and other miscellaneous revisions to the State regulations as submitted by the Air Quality Division (AQD) on May 9, 1978.

(11) Provisions to meet the requirements of Parts C and D and sections 110, 126, and 127 of the Clean Air Act, as amended in 1977 were submitted on January 26, 1979.

(12) A revision to Section 14 of the Wyoming Air Quality Standards and Regulations was submitted on July 18, 1980, and October 27, 1980.

(13) On August 26, 1981 and August 27, 1981, Wyoming submitted revisions to the requirements for Prevention of Significant Deterioration, the Air Quality Monitoring Plan, revisions to the Emergency Episode Contingency Plan, and revisions to stationary source permitting regulations.

(Secs. 110 and 301, Clean Air Act, as amended (42 U.S.C. 7410 and 7601))

[37 FR 10903, May 31, 1972]

Editorial Note: For Federal Register citations to § 52.2620, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.2621 Classification of regions.

The Wyoming plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Cheyenne Intrastate	II	III	III	III	III
Casper Intrastate	II	III	III	III	III
Wyoming Intrastate	III	III	III	III	III

[37 FR 10904, May 31, 1972]

§ 52.2622 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Wyoming's plans as meeting the requirements of Section 110 of the Clean Air Act, as amended in 1977. Furthermore, the Administrator finds that the plans satisfy the requirements of Part D, Title I, of the Clean Air Act.

[44 FR 38475, July 2, 1979]

§ 52.2623 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for the review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the State of Wyoming.

[37 FR 10903, May 31, 1972, as amended at 37 FR 19811, Sept. 22, 1972; 38 FR 12713, May 14, 1973; 39 FR 7285, Feb. 25, 1974. Redesignated and amended at 40 FR 24727, June 10, 1975]

§ 52.2624 [Reserved]

§ 52.2625 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are found in the "Wyoming Air Quality Standards and Regulations, 1975."

WYOMING

Source	Location	Regulations involved	Date of adoption	Effective date	Final compliance date
Pacific Power & Light	Glenrock	14 (b), (e), (h)	Feb. 26, 1973	Immediately	Sept. 1, 1976.
Montana-Dakota Utilities	Sheridan	14 (b), (e), (h)	do	do	Dec. 31, 1976.
Utah Power & Light	Kemmerer	14 (b), (e), (h)	do	do	Do.
Black Hills Power & Light	Wyodak	14 (b), (e), (h)	do	do	May 1, 1978.
Do	Osage	14 (b), (e)	do	do	May 15, 1977.
American Oil	Casper	14 (b), (e), (h)	Jan. 26, 1973	do	Jan. 31, 1974.
Basins Engineering	Wheatland	14 (b), (e), (f), (g).	June 6, 1974	do	Apr. 5, 1974.
Stauffer Chemical Co	Green River	14 (b), (e), (f), (g).	do	do	Oct. 31, 1973.
Do	Leefe	14 (b), (e), (f), (g).	Feb. 26, 1973	do	Nov. 1, 1976.
Barold Division of National Lead	Osage	14 (b), (e), (f), (g).	Jan. 26, 1973	do	Dec. 31, 1975.
Do	Colony	14 (b), (e), (f), (g).	June 6, 1973	do	Mar. 1, 1974.
Holly Sugar	Torrington	14 (b), (e), (f), (g).	do	do	Oct. 31, 1976.
Do	Worland	14 (b), (d), (f), (g).	do	do	Do.
Reeves Concrete	Gillette	14 (b), (e), (f), (g).	Jan. 26, 1973	do	Dec. 1, 1973.
Do	Sheridan	14 (b), (e), (f), (g).	do	do	Do.
Do	Buffalo	14 (b), (e), (f), (g).	do	do	Do.
American Colloid	Lovell	14 (b), (e), (f), (g).	June 6, 1974	do	Apr. 30, 1974.
Star Valley Swiss Cheese	Thayne	14 (b), (e), (h)	Jan. 26, 1973	do	Dec. 31, 1973.
Sheridan Commercial	Sheridan	14 (b), (e), (f), (g).	do	do	Do.
Federal Bentonite	Upton	14 (b), (e), (f), (g).	June 6, 1973	do	June 30, 1974.
Do	Lovell	14 (b), (e), (f), (g).	do	do	Do.
Wyo-Ben Products	Greybull	14 (b), (e), (f), (g).	Jan. 26, 1973	do	Jan. 30, 1974.
Do	Lovell	14 (b), (e), (f), (g)	June 6, 1974	do	Do.

WYOMING—Continued

Source	Location	Regulations involved	Date of adoption	Effective date	Final compliance date
FMC	Kemmerer	14 (e), (f), (g), (i).	Jan. 26, 1973	do	Dec. 31, 1976.
Do	Green River	14 (b), (e), (f), (g).	June 6, 1974	do	Oct. 31, 1974.
Gunn-Quealy Coal	Rock Springs	14 (b), (e), (f), (g).	do	do	Mar. 31, 1974.
Allied Chemical	Green River	14 (b), (e), (f), (g).	do	do	Aug. 1, 1976.
IMC Corp	Colony	14 (b), (e), (f), (g).	do	do	Oct. 31, 1974.
Wyodak Resources Develop	Gillette	14 (b), (e), (f), (g).	do	do	Feb. 28, 1974.
Church and Dwight	Green River	14 (b), (e), (f), (g).	do	do	Nov. 1, 1973.
Wycon Chemical	Cheyenne	14 (b), (e), (f), (g).	Sept. 11, 1975	do	June 1, 1976.
Dresser Minerals	Greybull	14 (b), (e), (f), (g).	do	do	Feb. 15, 1976.
Town of Byron	Byron	13	Jan. 26, 1973	do	July 1, 1974.
Town of Chugwater	Chugwater	13	do	do	Do.
Town of Cowley	Cowley	13	do	do	Do.
Town of Lovell	Lovell	13	May 24, 1973	do	Do.
Big Horn County	Big Horn County	13	Jan. 26, 1973	do	Do.

[41 FR 36653, Aug. 31, 1976]

§ 52.2626 [Reserved]

§ 52.2627 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Wyoming's plan.

Air quality control region and nonattainment area	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
Cheyenne Intrastate	a	Jan. 31, 1974	b	b	b	b	b
Casper Intrastate	b	Sept. 30, 1976	b	b	b	b	b
Wyoming Intrastate:							
a. Trona nonattainment area	c	c	b	b	b	b	b
b. Remainder of AQCR	b	May 15, 1977	b	b	b	b	b

a. Air quality levels presently below primary standards.
b. Air quality levels presently below secondary standards.
c. December 31, 1982.

[44 FR 38475, July 2, 1979]

§§ 52.2628—52.2629 [Reserved]

§ 52.2630 Prevention of significant deterioration of air quality.

(a) The Wyoming plan, as submitted, is approved as meeting the requirements of Part C of the Clean Air Act except that designation of the Savage Run Wilderness Area, as established in Pub. L. 95-237, from Class II to Class I is disapproved.

(b) *Regulation for preventing significant deterioration of air quality.* The Wyoming plan, as submitted does not apply to certain sources in the State. Therefore, the provisions of

§ 52.21(b) through (v) are hereby incorporated by reference and made a part of the State Implementation Plan for the State of Wyoming and are applicable to the following proposed major stationary sources or major modifications:

(1) Sources proposing to construct on Indian Reservations in Wyoming; and

(2) Sources that received an air quality permit from the Wyoming State Department of Environmental Quality prior to September 6, 1979.

[44 FR 51979, Sept. 6, 1979]

§ 52.2631 Maintenance of national standards.

(a) The areas listed below are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdictions or described areas including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Powder River Basin Air Quality Maintenance Area.

(i) Pollutants for which an area is identified: Particulate matter and photochemical oxidants.

(ii) Geographical composition of the area:

Campbell County
Converse County

(2) Sweetwater Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur dioxide.

(ii) Geographical composition of area:

Sweetwater County

[40 FR 23756, June 2, 1975; 40 FR 27447, June 30, 1975] 7

Subpart AAA—Guam

§ 52.2670 Identification of plan.

(a) Title of Plan: "Implementation Plan for Compliance With the Ambient Air Quality Standards for the Territory of Guam."

(b) The plan was officially submitted on January 25, 1972.

(c) The plan revision listed below was submitted on the date specified.

(1) Revised implementation plan submitted on August 14, 1973, by the Governor.

Section I—Public hearing.

Section II—Introduction.

Section III—Legal authority (narrative).

Section IV—Ambient air quality standards and air pollution control regulations (narrative).

Section V—Emissions inventory.

Section VI—Air quality data.

Section VIII (B and C)—Control strategies.

Section IX—Complex sources (narrative).

Section X—Air quality surveillance network (narrative).

Section XI—Source surveillance system (narrative).

Section XIII—Compliance schedule.

Section XV—Resources.

Section XVI—Intergovernmental cooperation (narrative).

Appendix A—Notice and minutes of public hearing.

Appendix C—Pub. L. 11-191 (enacted on Dec. 7, 1972).

Appendix E (Regulations):

Chapter 1, Definitions: 1.1-1.8, 1.10-1.14, 1.16, 1.19, and 1.21-1.32.

Chapter 2, Ambient Air Quality Standards: 2.1 and 2.2.

Chapter 3, Permits (for complex sources only): 3.1-3.13.

Chapter 4, Monitoring, Records, and Reporting: 4.2, and 4.4.

Chapter 5, Sampling and Testing: 5.3.

Chapter 6, Control of Open Burning: 6.2(g)(1-3).

Chapter 7, Control of Particulate Emission from Process Industries: 7.1-7.4 (7.1 and 7.6 deleted without replacement).

Chapter 8, Control of Fugitive Dust: 8.1-8.9.

Chapter 10, Control of Visible Emissions: 10.1(b) and the deletion of 10.1(c).

Chapter 14, Motor Vehicle Pollution Controls: 14.1-14.7.

Chapter 15, Appeal Procedures, Circumvention, Severability, and Effective Date: 15.1-15.4

Appendix F—Summary of air quality data.

Appendix G—Steam powerplant parameters.

Appendix H—Diffusion model computer printout.

Appendix J—Minutes and letters of public hearing on compliance schedules.

Appendix K—Emissions inventory data.

(2) Amendments to the Guam Air Pollution Control Standards and Regulation submitted on October 12, 1979 by the Governor's designee.

(i) Chapter 13—*Control of Sulfur Dioxide Emission*, 13.3, 13.4.

(ii) Deleted without replacement Rule 13.3 (submitted January 25, 1972).

(iii) Chapters 1 (except 1.18 and 1.19), 4, 10, 12 and 14; Rules 3.1-3.9, 5.3, 6.2, 7.1, 7.4, 7.5, 8.3-8.7, 13.1, 13.2 and 18.1-18.4; and deletion of Rules 3.12, 3.17 and 12.3.

(3) Amendments to the Guam Air Pollution Control Standards and Regulations submitted on April 1, 1980 by the Governor's designee.

(i) Addendum to 13.1—Compliance Order for the Guam Power Authority's Power Barge "Inductance".

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410, 7601(a)))

[37 FR 10904, May 31, 1972, as amended at 41 FR 8968, Mar. 2, 1976; 43 FR 48639, Oct. 19, 1978; 43 FR 59067, Dec. 19, 1978; 45 FR 14560, Mar. 6, 1980; 46 FR 26303, May 12, 1981]

§ 52.2671 Classification of regions.

The Guam plan was evaluated on the basis of the following classifications.

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Guam	III	II	III	III	III

§ 52.2672 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Guam's plan for the attainment and maintenance of the National Standards.

(Secs. 110 and 301 of the Clean Air Act as amended (42 U.S.C. 7410 and 7601(a)))

[46 FR 25303, May 6, 1981]

§ 52.2673 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Guam's plan.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
	Primary	Secondary	Primary	Secondary			
Guam	a	a	June 1975	June 1977	a	a	a

a. Air quality levels presently below secondary standards.

§ 52.2674 Maintenance of national standards.

(a) Based upon the information available to him and in accordance with EPA publication, Guidelines for Designation of Air Quality Maintenance Areas, the Administrator does not identify any areas pursuant to § 51.12, paragraphs (e) and (f), of this chapter as having the potential for violation of national ambient air quality standards within 10 years.

[40 FR 18737, Apr. 29, 1975]

§ 52.2675 [Reserved]

§ 52.2676 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Guam.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.2677 [Reserved]

§ 52.2678 Control strategy and regulations: Particulate matter.

(a) The requirements of §§ 51.12(a) and 51.13 of this chapter are not met since the plan does not provide for the attainment and maintenance of the national standards.

(b) Chapter 6, Regulations 6.2(g)(1-3) of the "Guam Air Pollution Control Standards and Regulations" (control of open burning—agricultural crops) are disapproved since they do not provide criteria upon which to base the approval or denial of permit requests.

(c) The following rules are disapproved because they could allow an emissions increase, and a control strategy demonstration has not been submitted showing that any increased emissions would not interfere with the attainment or maintenance of the NAAQS.

(1) Rule 8.7, submitted on October 12, 1979.

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410, 7601(a)))

[43 FR 59067, Dec. 19, 1978, as amended at 46 FR 26303, May 12, 1981]

§ 52.2679 Control strategy and regulations: Sulfur dioxide.

(a) Approvals of the following rules are limited to specific sources, since a control strategy demonstration has not been submitted showing that any increased emissions would not interfere with the attainment or maintenance of the NAAQS.

(1) Rule 13.1, submitted on October 12, 1979, for all applicable sources except the Tanguisson Power Plant.

(2) Rule 13.2, submitted on January 25, 1972, for the Tanguisson Power Plant.

(b) The following rules are disapproved because they are inconsistent with Section 123(a)(2) of the Clean Air Act which requires continuous control strategies.

(1) Rule 13.2, submitted on October 12, 1979.

(Secs. 110 and 301 of the Clean Air Act as amended (42 U.S.C. 7410 and 7601(a)))

[46 FR 26304, May 6, 1981]

§§ 52.2680—52.2681 [Reserved]

§ 52.2682 Air quality surveillance.

(a) The requirements of § 51.17(a)(2) of this chapter are not met. In addition, Chapter 1, Regulation 1.8 and Chapter 5, Regulation 5.3 of the "Guam Air Pollution Control Standards and Regulations" (buffer zones—air quality sampling) are not in conformance with the intent of the Clean Air Act and the definition of "ambient air" promulgated at § 50.1(e) of this chapter. Regulations 1.8 and 5.3 are disapproved because they could prohibit ambient air quality sampling at places of expected maximum concentration and/or at places where the public has access.

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410, 7601(a)))

[43 FR 59067, Dec. 19, 1978]

§ 52.2683 [Reserved]

§ 52.2684 Source surveillance.

(a) The requirements of § 51.19(e) and Appendix P of this chapter are not met since the plan does not contain sufficient regulations pertaining to continuous in-stack monitoring.

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410, 7601(a)))

[43 FR 59067, Dec. 19, 1978]

§ 52.2685 [Reserved]

§ 52.2686 Upset-breakdown reporting.

(a) Chapter 4, Regulation 4.4 of the "Guam Air Pollution Control Standards and Regulations" (reporting of upsets and breakdowns) is disapproved since critieria for further enforcement action are not specified, thus permitting the Guam Administrator unlimited discretion.

(Secs. 110, 301(a), Clean Air Act, as amended (42 U.S.C. 7410, 7601(a)))

[43 FR 59067, Dec. 19, 1978]

Subpart BBB—Puerto Rico

§ 52.2720 Identification of plan.

(a) Title of plan: "Clean Air for Puerto Rico."

(b) The plan was submitted on January 31, 1972.

(c) The plan revisions listed below were submitted on the date specified.

(1) Compliance schedules submitted on April 5, 1973, by the Commonwealth of Puerto Rico Environmental Quality Board.

(2) Compliance schedules submitted on April 9, 1973, by the Commonwealth of Puerto Rico Environmental Quality Board.

(3) Compliance schedules submitted on April 17, 1973, by the Commonwealth of Puerto Rico Environmental Quality Board.

(4) Compliance schedules submitted on May 30, 1973, by the Commonwealth of Puerto Rico Environmental Quality Board.

(5) Compliance schedules submitted on June 18, 1973, by the Commonwealth of Puerto Rico Environmental Quality Board.

(6) Compliance schedules submitted on September 10, 1973, by the Commonwealth of Puerto Rico Environmental Quality Board.

(7) Compliance schedules submitted December 6, 1973, by the Commonwealth of Puerto Rico Environmental Quality Board.

(8) Information on procedures followed in adoption of compliance schedules submitted on February 1, 1974, by the Commonwealth of Puerto Rico Environmental Quality Board.

(9) Compliance schedules submitted February 7, 1974, by the Commonwealth of Puerto Rico Environmental Quality Board.

(10) Compliance schedules submitted February 7, 1974, by the Commonwealth of Puerto Rico Environmental Quality Board.

(11) Information on procedures followed in adoption of compliance schedules submitted on February 12, 1974, by the Commonwealth of Puerto Rico Environmental Quality Board.

(12) Information on procedures followed in adoption of compliance schedules submitted on March 13, 1974, by the Puerto Rico Environmental Quality Board.

(13) Information on procedures followed in adoption of compliance schedules submitted on March 15, 1974, by the Puerto Rico Environmental Quality Board.

(14) Information on procedures followed in adoption of compliance schedules submitted on March 20, 1974, by the Puerto Rico Environmental Quality Board.

(15) AQMA designations were submitted on May 5, 1974, by the Governor of Puerto Rico.

(16) Compliance schedules submitted June 11, 1974, by the Commonwealth of Puerto Rico Environmental Quality Board.

(17) Compliance schedules submitted on September 6, 1974, by the Commonwealth of Puerto Rico Environmental Quality Board.

(18) Revised Article 6 (Control of Sulfur Compound Emissions) was submitted on January 3, 1975, by the Governor of Puerto Rico.

(19) Public hearing information regarding revised Article 6 was submitted on January 17, 1975, by the Executive Director of the Environmental Quality Board.

(20) Information regarding Guayanilla and Aguirre Air Basins was submitted on February 14, 1975, by the Environmental Quality Board.

(21) Emission limitation for one source in the Ponce Air Basin was submitted on March 26, 1976, by the Environmental Quality Board.

(22) Predicted SO_2 concentrations for Aguirre Air Basin was submitted on May 8, 1975, by the Environmental Quality Board.

(23) Additional information regarding revised Article 6 was submitted on May 15, 1975, by the Environmental Quality Board.

(24) Predicted SO_2 ambient concentrations for Barceloneta and Ensenada submitted on June 2, 1975, by the Environmental Quality Board.

(25) Predicted SO_2 ambient concentrations for Barceloneta and Ensenada submitted on January 8, 1976, by the Environmental Quality Board.

(26) A document entitled, "Clean Air for Puerto Rico," submitted, pursuant to requirements of Part D of the Clean Air Act, on June 29, 1979 by the Governor of the Commonwealth of Puerto Rico.

(27) Supplementary submittals of SIP revision material from the Puerto Rico Environmental Quality Board, dated:

(i) October 30, 1979, containing policy statements of EQB with regard to: Its objective to attain both the primary and secondary particulate matter air quality standards by December 31, 1982, assurances with regard to meeting the requirements of reasonable further progress, verification of the detail of its annual reporting effort, clarification of the operation of its offset program and correction of the related inventory and graphical presentations.

(ii) July 24, 1980, providing a comprehensive set of adopted regulations, entitled "Regulation for the Control of Atmospheric Pollution."

(iii) August 6, 1980, providing a commitment to submit "external offsets" as SIP revisions.

(28) A submittal by the Puerto Rico Environmental Quality Board entitled, "Revised Provisions for SIP Air Quality Monitoring Plan," April 1980.

(Secs. 110, 172, 301, 319, Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[37 FR 10905, May 31, 1972, as amended at 41 FR 8968, Mar. 2, 1976; 41 FR 51017, Nov. 19, 1976; 45 FR 72658, Nov. 3, 1980; 46 FR 23417, Apr. 27, 1981]

§ 52.2721 Classification of regions.

The Puerto Rico plan was evaluated on the basis of the following classifications.

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
Puerto Rico	IA	IA	III	III	III

[37 FR 10905, May 31, 1972]

§ 52.2722 Approval status.

With the exceptions set forth in this subpart, the Administrator approves Puerto Rico's plans for the attainment and maintenance of national standards under Section 110 of the Clean Air Act. Furthermore, the Administrator finds that the plan satisfies all requirements of Part D, Title I, of the Clean Air Act, as amended in 1977.

(Secs. 110, 172, 301, Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[45 FR 72658, Nov. 3, 1980]

§ 52.2723 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information contained in the Puerto Rico plan. Further information on the specific boundaries of the "nonattainment," "unclassifiable," and "attainment" areas is found in § 81.355 of this chapter.

Air quality control region and nonattainment area	Pollutant						
	TPS		SO_2		NO_2	CO	O_3
	Primary	Secondary	Primary	Secondary			
Catano air basin	b	b	a	a	a	a	a
Guayanilla air basin	a	b	a	a	a	a	a
Remainder of Puerto Rico AQCR	a	a	a	a	a	a	a

NOTE 1: Sources subject to plan requirements and attainment dates established under section 110(a)(2)(A) prior to the Clean Air Act Amendments remain obligated to comply with those requirements by the earlier deadlines. The earlier attainment dates are set out in the 1978 edition of the *Code of Federal Regulations* at 40 CFR Part 52, § 52.2723.

a. Air quality levels presently attain standards or area is unclassifiable.

b. December 31, 1982.

(Secs. 110, 172, 301, Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[45 FR 72658, Nov. 3, 1980]

§ 52.2724 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met because the State failed to submit a plan for the review of new or modified indirect sources.

(b) *Regulation for review of new or modified indirect sources.* The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the Territory of Puerto Rico.

[39 FR 7265, Feb. 25, 1974]

§ 52.2725 General requirements.

(a) The requirements of § 51.10(e) of this chapter are not met, since section 2.4 of the Puerto Rico Regulation for Control of Atmospheric Pollution could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, section 2.4 is disapproved.

(b) *Regulation for public availability of emission data.* (1) Any person who cannot obtain emission data from the Agency responsible for making emission data available to the public, as specified in the applicable plan, concerning emissions from any source subject to emission limitations which are part of the approved plan may request that the appropriate Regional Administrator obtain and make public such data. Within 30 days after receipt of any such written request, the Regional Administrator shall require the owner or operator of any such source to submit information within 30 days on the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the applicable plan.

(2) Commencing after the initial notification by the Regional Administrator pursuant to paragraph (b)(1) of this section, the owner or operator of the source shall maintain records of the nature and amounts of emissions from such source and any other information as may be deemed necessary by the Regional Administrator to determine whether such source is in compliance with applicable emission limitations or other control measures that are part of the plan. The information recorded shall be summarized and reported to the Regional Administrator, on forms furnished by the Regional Administrator, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1–June 30 and July 1–December 31.

(3) Information recorded by the owner or operator and copies of this summarizing report submitted to the Regional Administrator shall be retained by the owner or operator for 2 years after the date on which the pertinent report is submitted.

(4) Emission data obtained from owners or operators of stationary sources will be correlated with applicable emission limitations and other control measures that are part of the applicable plan and will be available at the appropriate regional office and at

other locations in the state designated by the Regional Administrator.

[39 FR 34537, Sept. 26, 1974, as amended at 40 FR 55334, Nov. 28, 1975]

§ 52.2726 Legal authority.

(a) The requirements of § 51.11(a)(6) of this chapter are not met, since Article 17 of Puerto Rico Act 9 could, in some circumstances, prohibit the disclosure of emission data to the public. Therefore, Article 17 is disapproved.

[39 FR 34537, Sept. 26, 1974]

§ 52.2727 [Reserved]

§ 52.2728 Maintenance of national standards.

(a) The areas listed below are hereby identified by the Administrator pursuant to § 51.12 (e) and (f) of this chapter as having the potential for violation of the specified air quality standards within 10 years. The identified areas consist of the territorial area encompassed by the boundaries of the given jurisdiction or described area including the territorial area of all municipalities (as defined in section 302(f) of the Clean Air Act, 42 U.S.C. 1857h(f)) geographically located within the outermost boundaries of the area so delimited.

(1) Ponce Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur oxides.

(ii) Geographical composition of area:

Ponce Municipality
Juana Diaz Municipality
Villalba Municipality

(2) San Juan Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur oxides.

(ii) Geographical composition of area:

San Juan Municipality
Bayamon Municipality
Rio Grande Municipality
Carolina Municipality
Catano Municipality
Guaynabo Municipality
Loiza Municipality
Toa Baja Municipality
Trujillo Alto Municipality

(3) Caguas Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Caguas Municipality
Gurabo Municipality
San Lorenzo Municipality

(4) Mayaguez Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Particulate matter.

(ii) Geographical composition of area:

Mayaguez Municipality
Hormigueros Municipality
Anasco Municipality

(5) Guanica Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Sulfur oxides.

(ii) Geographical composition of area:

Guanica Municipality

(6) Dorado Air Quality Maintenance Area.

(i) Pollutant for which the area is identified: Sulfur oxides.

(ii) Geographical composition of area:

Dorado Municipality

(7) Guayanilla-Penuelas Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur oxides.

(ii) Geographical composition of area:

Guayanilla Municipality
Penuelas Municipality

(8) Lares-Utuado-Adjuntas Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur oxides.

(ii) Geographical composition of area:

Lares Municipality
Utuado Municipality
0Adjuntas Municipality

(9) Aguadilla Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur oxides.

(ii) Geographical composition of area:

Aguadilla Municipality

(10) Arecibo-Barceloneta Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur oxides.

(ii) Geographical composition of area:

Arecibo Municipality
Barceloneta Municipality

(11) Guayama Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur oxides.

(ii) Geographical composition of area:

Guayama Municipality

(12) Yabucoa Air Quality Maintenance Area.

(i) Pollutants for which the area is identified: Particulate matter and sulfur oxides.

(ii) Geographical composition of area:

Yabucoa Municipality

[40 FR 18737, Apr. 29, 1975]

§ 52.2729 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the State of Puerto Rico.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.2730 Compliance schedules.

(a) The compliance schedules for the sources identified below are approved as meeting the requirements of § 51.15 of this chapter. All regulations cited are air pollution control regulations of the Commonwealth, unless otherwise noted.

PUERTO RICO

Source	Location	Regulation involved	Date accepted	Effective date	Final compliance date
Hormigonera Oriental, Inc	Fajardo	5.2, 5.5	Apr. 4, 1973	Immediately	Apr. 30, 1973.
Hormigonera Metropolitana, Inc	Caguas	5.2, 5.5	do	do	Do.
Hormigonera, Inc	do	5.1, 5.2, 5.5	Apr. 5, 1973	do	Do.
Industria Alimenticia	Barceloneta	5.5, 8	do	do	Nov. 30, 1973.
Jocarinck	Vega Baja	5.2, 5.5	do	do	Apr. 28, 1973.
Inabon Aggregates, Inc	Coto Laurel	5.2	do	do	Mar. 31, 1973.
Ponce Asphalt, Inc.—Santa Isabela Plant.	Ponce	5.2, 5.5	do	do	Apr. 15, 1973.
Cantera Diaz, Inc	Trujillo Alto	5.2	do	do	June 15, 1973.
Inabon Asphalt, Inc	Coto Laurel	5.1, 5.2	do	do	June 1, 1973.
Betteroads Asphalt Corp., plant 2.	Aguada	5.1, 5.2	do	do	May 31, 1973.
Hormigonera, Inc., plant 6	Bayamon	5.2	Apr. 4, 1973	do	Mar. 30, 1973.
Hormigonera, Inc., plant 15	Canovanas	5.2	Apr. 5, 1973	do	Apr. 30, 1973.
Hormigonera, Inc., plant 7	Fajardo	5.2	do	do	Mar. 30, 1973.
Hormigonera, Inc., plant 5 (temporary)	Dorado	5.2	do	do	Mar. 31, 1973.
Hormigonera Oriental, Inc	Humancao	5.2	Apr. 4, 1973	do	Apr. 30, 1973.
Betteroads Asphalt Corp., plant 6.	Arecibo	5.2, 5.4	Apr. 5, 1973	do	Dec. 31, 1973.
Empress O'Neill	Manati	5.2, 5.4	do	do	July 15, 1973.
General Electric Switchgear	Vieques	5.2, 4.1	Apr. 4, 1973	do	Mar. 16, 1973.
Terrozos Pico, Inc	Ponce	5.1, 5.2	Apr. 5, 1973	do	June 30, 1973.
South Caribe Aggregates, Inc	do	5.1, 5.2	do	do	June 20, 1973.
Rexach Block—Santurce	Santurce	5.1, 5.5	Apr. 9, 1973	do	Aug. 15, 1973.

PUERTO RICO—Continued

Source	Location	Regulation involved	Date accepted	Effective date	Final compliance date
Integrated Industries	Mayaguez	5.5	Apr. 8, 1973	do	Dec. 22, 1972.
Amrex Construction Co., Inc	Cayey	5.2	Apr. 9, 1973	do	Mar. 15, 1974.
Bloques La Plata	Toa Baja	5.2, 5.5	do	do	Apr. 30, 1973.
Rodfall Muebles	Saint Just	5.2, 5.5	do	do	Aug. 31, 1973.
South Caribe Aggregates, Inc	Juana Diaz	5.2, 5.5	do	do	June 30, 1973.
Rexach Asphalt Corp	Aguadilla	5.2	do	do	May 15, 1973.
Betteroads Asphalt Corp	Sabana Grande	5.2	do	do	Dec. 31, 1973.
Ponce Asphalt	Ponce	5.2	Apr. 8, 1973	do	Apr. 15, 1973.
Puerto Rico Aggregates	Carolina	5.2	Apr. 5, 1973	do	July 31, 1973.
Ibec Packing Co	Mayaguez	5.5, 8	Apr. 8, 1973	do	Aug. 15, 1973.
Rexach Concrete Corp	Gurubo	5.2	Apr. 9, 1973	do	May 1, 1973.
Omark Caribbean, Inc	Bayamon	5.1, 5.5	Apr. 8, 1973	do	Nov. 30, 1973.
Best Contracting Corp	Rio Piedras	5.2	Apr. 5, 1973	do	Mar. 22, 1973.
Betteroads Asphalt Corp	do	5.2	do	do	Nov. 30, 1973.
Hormigonera, Inc	do	5.1, 5.2, 5.5	do	do	Dec. 31, 1973.
Agregados Gurabo, Inc	Gurubo	5.1, 5.2, 5.5	Apr. 8, 1973	do	Mar. 12, 1973.
Rexach Aggregates Corp	Caguas	5.1, 5.2, 5.5	Apr. 9, 1973	do	Feb. 28, 1973.
Quality Concre-Mix, Inc. (Sabana Seca).	Bayamon	5.1, 5.2, 5.5	do	do	June 15, 1973.
Rexach Concrete Corp	Aguirre	5.1, 5.2, 5.5	do	do	Apr. 1, 1973.
Eli Lilly	Mayaguez	7.3	Apr. 8, 1973	do	Dec. 31, 1974.
Tito Castro Ready Mix	Ponce	5.1, 5.2, 5.5	July 23, 1973	do	Aug. 22, 1973.
Puerto Rico Concrete Products	Rio Piedras	5.2	July 5, 1973	do	Aug. 30, 1973.
Ponce Concrete Products	Ponce	5.2	do	do	Aug. 31, 1973.
Motors and Parts Distributors	Hato Rey	5.5	do	do	July 29, 1973.
Hormigonera, Inc	Rio Piedras	5.1, 5.2, 5.5	June 28, 1973	do	Dec. 31, 1973.
Inabon Ready Mix	Coto Laurel	5.1, 5.2	do	do	Apr. 27, 1973.
Union Carbide Grafito, Inc	Yabucao	5.1; 5.2	Feb. 22, 1974	do	June 30, 1974.
Hormigonera Mayaguezana	San Sebastian	5.1; 5.2	Aug. 3, 1973	do	Sept. 30, 1973.
Do	Yauco	5.1; 5.2	do	do	Do.
Do	San German	5.1; 5.2	do	do	Do.
Do	Cabo Rojo	5.1; 5.2	do	do	Do.
Do	Mayaguez	5.1; 5.2	do	do	Do.
Do	Anasco	5.1; 5.2	do	do	Do.
San Juan Cement Company, Inc	Dorado	5.1; 5.2; 5.5	Feb. 22, 1974	do	July 31, 1974.
Rexach Concrete Corp	Bayamon	5.1; 5.2	do	do	June 1, 1973.
Puerto Rico Chemical Corp	Arecibo	7.1	Jan. 23, 1974	do	June 1, 1974.
Rexach Asphalt Corp	Rio Piedras	5.1; 5.2; 5.5	May 20, 1974	do	Nov. 15, 1974.
Sabari Estates, Inc	Ponce	5.1; 5.2; 5.5	Feb. 22, 1974	do	Feb. 28, 1974.
Ramos Hermanos, Inc	Bayamon	5.1; 5.2; 5.5	do	do	Sept. 25, 1973.
Terrazos Poncenos	Ponce	5.1; 5.5; 5.2	Sept. 21, 1973	do	June 6, 1973.
Ponce Ready-Mix, Inc	do	5.1; 5.2	Feb. 22, 1974	do	Aug. 30, 1973.
Ready Mix Concrete, Inc	Carolina	5.1; 5.2; 5.5	do	do	Sept. 15, 1973.
Illumination Products, Inc	Hato Ray	5.5; 7.4; 8	May 20, 1974	do	Jan. 31, 1974.
Coop. Cafeteros de Ponce	Ponce	5.1; 5.2; 5.5	Feb. 22, 1974	do	May 31, 1974.
Conrado Forestier, Inc	Mayaguez	5.1; 5.2; 5.5	Aug. 3, 1973	do	Aug. 31, 1973.
Best Contracting Corp	Rio Piedras	5.1; 5.2; 5.5	Feb. 22, 1974	do	Mar. 22, 1973.
Cantera Ferrer, Inc	Bayamon	5.1; 5.2; 5.5	do	do	Sept. 25, 1973.
Tito Castro Ready Mix	Santa Isabel	5.1; 5.2	July 28, 1973	do	Aug. 22, 1973.
Ponce Concrete	Ponce	5.5; 5.2; 5.1	Feb. 22, 1974	do	Nov. 10, 1973.
Abbot Chemical	Barceloneta	8	Sept. 4, 1974	do	Apr. 30, 1975.
Cafe Crema Garriuo	Caguas	5.5.3; 8	Aug. 27, 1974	do	Mar. 31, 1975.
Asfalto Mayaguezana, Inc	Mayaguez	5.1; 5.2	Sept. 21, 1973	do	Sept. 30, 1973.
Hormigonera Mayaguezana	Aguadilla	5.1; 5.2	Aug. 3, 1973	do	Do.

[39 FR 30833, Aug. 26, 1974, as amended at 40 FR 18551, Apr. 29, 1975. Correctly designated at 40 FR 32329, Aug. 1, 1975]

§ 52.2731 Control strategy and regulations: Sulfur oxides.

(a) The requirements of § 51.13 of this chapter are not met since the Puerto Rico plan does not provide for attainment and maintenance of the national standards for sulfur oxides in the areas of Aguirre, Barceloneta, Trujillo Alto-Dorado and Ensenada.

(b) Article 6, as submitted to EPA on January 3, 1975, of the Puerto Rico Regulations for Control of Atmospheric Pollution, as it applies to those areas listed in paragraph (a) of this section is disapproved for the following facilities: Puerto Rico Water Resources Authority—Aguirre Complex, Abbott, Merck and Company, Bristol Meyers, Pfizer, Union Carbide, Upjohn, located in the Barceloneta air basin, and Central Guanica, located in the Aquada air basin. Accordingly, these sources, with the exception of the Puerto Rico Water Resources Authority—Aguirre Complex, are required to conform to the sulfur in fuel limitations contained in Article 6 of the Puerto Rico implementation plan as submitted to EPA on January 31, 1972.

(c) On and after the effective date of this paragraph, the maximum allowable sulfur in fuel limitation, by weight, for the Puerto Rico Water Resources Authority Aguirre complex shall be 2.5 percent.

(d) The requirements of section 110 of the Clean Air Act are not met since Article 6 of the Puerto Rico Regulation for Control of Atmospheric Pollution would permit the use of stack height increases in lieu of available methods for emission reduction. Therefore, Section H of Appendix A of Article 6 of the Puerto Rico Regulation for Control of Atmospheric Pollution is disapproved to the extent that it would permit increases in stack height in lieu of available methods of emission reduction.

[40 FR 42194, Sept. 11, 1975. Correctly designated at 41 FR 24586, June 17, 1976]

§ 52.2732 Control strategy and regulations: General.

Commonwealth regulations codified as the "Regulation for the Control of Atmospheric Pollution," as submitted July 24, 1980, are approved to the extent they set forth emission limitations, compliance schedules, sampling or testing methods or such other measures necessary to insure the attainment and maintenance of national ambient air quality standards. The air pollution control agency of the Commonwealth of Puerto Rico is authorized, under provisions of this regulation, to exercise its "discretionary authority" in certain circumstances. Any exercise of such discretionary authority by the air pollution control agency of the Commonwealth of Puerto Rico which serves to vary, defer, alter, or modify any limitation, schedule, method or other measure contained in the approved regulations will not revise the applicable implementation plan until the action has been submitted to and approved by EPA as a revision to the implementation plan. This is in accordance with the requirement of 40 CFR 51.6 and 51.34.

(Secs. 110, 172, 301, Clean Air Act, as amended (42 U.S.C. 7410, 7502, and 7601))

[45 FR 72658, Nov. 3, 1980]

Subpart CCC—Virgin Islands

SOURCE: 37 FR 10905, May 31, 1972, unless otherwise noted.

§ 52.2770 Identification of plan.

(a) Title of plan: "Air Quality Implementation Plan for the U.S. Virgin Islands."

(b) The plan was officially submitted on January 31, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Procedures for making emission data available to the public submitted April 26, 1972, by the Division of Environmental Health, Virgin Islands Department of Health.

(2) Revision to construction permit regulation, Rule 12, section 206-26(a) of the Virgin Islands Rules and Regulations, submitted on August 17, 1972, by the Governor.

(3) Sections 206-30 (Review of new sources and modifications) and 206-31 (Review of new or modified indirect sources) were submitted on February 12, 1974, by the Governor of Virgin Islands.

(4) Additional information on sections 206-30 and 206-31 was submitted on April 10, 1975, by the Governor of the Virgin Islands.

(5) Exemption of the St. John Municipal Incinerator from the requirements of section 204-23, paragraph (c)(2) of the Virgin Islands Air Pollution Control Code submitted on July 9, 1975, by the Governor.

(6) Revised Section 204-26 (Sulfur Compounds Emissions Control) submitted on January 21, 1976 by the Governor of the Virgin Islands, as it

applies to the islands of St. Thomas and St. John.

(7) Amended revised Section 204-26 submitted on June 3, 1976 by the Governor of the Virgin Islands, as it applies to the islands of St. Thomas and St. John.

(8) As it applies to the island of St. Croix, per an August 16, 1976 request from the Virgin Islands, revised 12 V.I.R. & R. 9:204-26 (Sulfur Compounds Emission Control) excluding subsection (a)(2), as submitted on January 21, 1976 by the Governor of the Virgin Islands.

(9) Revision submitted on August 29, 1977, by the Governor of the Virgin Islands which allows, under provisions of 12 V.I.R. & R. 9:204-26, the relaxation of the sulfur-in-fuel-oil limitation to 1.5 percent, by weight, for the Virgin Islands Water and Power Authority's Christiansted Power Plant.

(10) Revision submitted on February 9, 1980 by the Commissioner of the Department of Conservation and Cultural Affairs of the Government of the Virgin Islands of the United States which grants an "administrative order" under Title 12 V.I.C. section 211 and Title 12 V.I.R. & R. sections 204-26(d). This "administrative order" relaxes, until one year from the date of EPA approval, the sulfur-in-fuel-oil limitation to 1.5 percent, by weight, applicable to Martin Marietta Alumina and the Hess Oil Virgin Islands Corporation, both located in the Southern Industrial Complex on the Island of St. Croix.

(11) A document entitled "Air Monitoring Plan," November 1979, submitted on February 23, 1981, by the Virgin Islands Department of Conservation and Cultural Affairs.

(12) Revision submitted on April 9, 1981 by the Commissioner of the Department of Conservation and Cultural Affairs of the Government of the Virgin Islands of the United States which grants an "administrative order" under Title 12 V.I.C. section 211 and Title 12 V.I.R. & R. sections 204-26(d). This "administrative order" relaxes, until one year from the date of EPA approval, the sulfur-in-fuel-oil limitation to 1.5 percent, by weight, applicable to Martin Marietta Alumina and the Hess Oil Virgin Islands Corporation, both located in the Southern Industrial Complex on the Island of St. Croix.

(Secs. 110, 301, 319, Clean Air Act, as amended (42 U.S.C. 7410, 7601))

[37 FR 10905, May 31, 1972]

Editorial Note: For Federal Register citations to § 52.2770, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.2771 Classification of regions.

The U.S. Virgin Islands plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
U.S. Virgin Islands	IA	IA	III	III	III

§ 52.2772 Approval status.

With the exceptions set forth in this subpart, the Administrator approves the U.S. Virgin Islands plan for attainment and maintenance of the national standards.

§ 52.2773 EPA-approved Virgin Islands regulations.

Territory regulation	Submission date	EPA approved date	Comments
Section 204-20, "Definition of Terms"	Jan. 31, 1972	May 31, 1972, 37 FR 10905	
Section 204-21, "Regulation to Control Open Burning"	do	do	
Section 204-22, "Regulations to Control Emissions of Visible Air Contaminants".	do	do	
Section 204-23, "Regulations Governing Emissions of Particulate Matter".	do	do	
Section 204-24, "Storage of Petroleum or Other Volatile Products".	do	do	
Section 204-25, "Preventing Particulate Matter from Becoming Air-Borne".	do	do	
Section 204-26, "Sulfur Compounds Emissions Control" (expect as noted for St. Croix regarding Subsection (a)(2)).	June 3, 1976	July 12, 1976, 41 FR 28493	Subsection 204-26(a)(2) is not approved as it applies to sources on St. Croix; with the exception of the Virgin Islands Water and Power Authority's Christiansted Power Plant. Applicable sulfur content limitations for sources on St. Croix, except the Christiansted Power Plant, are set out in the version of Subsection 204-26(a)(2) submitted to EPA on January 31, 1972 (See below) (40 CFR 52.2780(b)).
Section 204-26, "Sulfur Compounds Emissions Control"/ Subsection (a)(2)".	Jan. 31, 1972	May 31, 1972, 37 FR 10905	Applicable to sources on St. Croix, with the exception of the Virgin Islands Water and Power Authority's Christiansted Power Plant.
Section 204-27, "Air Pollution Nuisances Prohibited"	do	do	
Section 204-28, "Internal Combustion Engine Limits"	do	do	
Section 204-29, "Upset, Breakdown or Scheduled Maintenance"	do	do	
Section 204-30, "Circumvention"	do	do	
Section 204-31, "Duty to Report Discontinuance or Dismantlement".	do	do	
Section 204-32, "Variance Clauses"	do	do	
Section 206-20, "Permits Required"	do	do	
Section 206-21, "Transfer"	do	do	
Section 206-22, "Applications"	do	do	
Section 206-23, "Cancellation of Applications"	do	do	
Section 206-24, "Provisions of Sampling and Testing Facilities".	do	do	
Section 206-25, "Standards for Granting Applications"	do	do	
Section 206-26, "Conditional Approval"	Aug. 17, 1972	Oct. 28, 1972, 37 FR 23092	
Section 206-27, "Denial of Applications"	Jan. 31, 1972	May 31, 1972, 37 FR 10905	
Section 206-28, "Further Information"	do	do	
Section 206-29, "Appeals"	do	do	
Section 206-30, "Review of New Sources and Modifications" (excluding Subsection 206-30(f)(6)).	Feb. 12, 1974	Aug. 10, 1975, 40 FR 42013	Subsection 206-30(f)(6) is disapproved since sources of minor significance are not identified in Section 206-30. A federally promulgated regulation (40 CFR 52.2775(g)), correcting this deficiency and a public participation deficiency, is applicable.

Territory regulation	Submission date	EPA approved date	Comments
Section 204-31, "Review of New or Modified Indirect Sources".	......do......	......do......	

(Secs. 110, 172 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410, 7502 and 7601))
[46 FR 61267, Dec. 16, 1981]

§ 52.2774 [Reserved]

§ 52.2775 Review of new sources and modifications.

(a)-(d) [Reserved]

(e) The requirements of 40 CFR 51.18(h) are not met since section 206-30 of Chapter 9, Title 12 of the Virgin Islands' Code does not provide that information submitted by the owner or operator and the agency's analysis including its proposed approval/disapproval decision, be made available for public comment for a period of 30 days prior to final action.

(f) Subsection 206-30(f)(6) of section 206-30 of Chapter 9, Title 12 of the Virgin Islands' Code is disapproved since sources of minor significance are not identified in the regulation. Accordingly, all sources not listed in subsections 206-30(f)(1)-(f)(5) will be subject to review in accordance with the requirements of section 206-30.

(g) Regulation for review of new sources and modifications.

(1) This requirement is applicable to any stationary source subject to review under section 206-30 of Chapter 9, Title 12 of the Virgin Islands' Code or 40 CFR 52.2775(f).

(2) Within 30 days after receipt of an application, the Commissioner of the Department of Conservation and Cultural Affairs, will notify the public, by prominent advertisement in the local news media, of the opportunity for public comment on the information submitted by the owner or operator.

(i) Such information, together with the Commissioner's analysis of the effect of the construction or modification on air quality including the Commissioner's proposed approval or disapproval, will be available in at least one location in the affected region.

(ii) Written public comments submitted within 30 days of the date such information is made available will be considered by the Commissioner in making his final decision on the application.

(iii) The Commissioner will make a final decision on the application within 30 days after the close of the public comment period. The Commissioner will notify the applicant in writing of his approval, conditional approval, or disapproval of the application and will set forth his reasons for conditional approval or disapproval.

(iv) A copy of the notice required by paragraph (h)(2) of this section shall also be sent to the Administrator through the appropriate regional office, and to all other State and local air pollution control agencies having jurisdiction in the region in which such new or modified installation will be located. The notice shall also be sent to any other agency in the region having responsibility for implementing the procedures required under this section.

[37 FR 10905, May 31, 1972, as amended at 40 FR 42013, Sept. 10, 1975]

§ 52.2776 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect information presented in the U.S. Virgin Islands plan.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
	Primary	Secondary	Primary	Secondary			
U. S. Virgin Islands	Jan. 1975	Jan. 1975	Jan. 1975	Jan. 1975	a	a	a

a. Air quality levels presently below secondary standards

§ 52.2777 [Reserved]

§ 52.2778 Maintenance of national standards.

(a) Based upon information available to him and in accordance with the EPA publication, Guidelines for Designation of Air Quality Maintenance Areas, the Administrator does not identify any areas pursuant to § 51.12, paragraphs (e) and (f), of this chapter as having the potential for violation of national ambient air quality standards within 10 years.

[40 FR 18738, Apr. 29, 1975]

§ 52.2779 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for the Virgin Islands.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

§ 52.2780 Control strategy for sulfur oxides.

(a) The requirements of § 51.13 of this chapter are not met since there has not been a satisfactory demonstration that the Virgin Islands plan provides for the attainment and maintenance of the national ambient air quality standards for sulfur oxides on the island of St. Croix.

(b) The following parts of regulation 12 V.I.R. & R. 9:204-26, "Sulfur Compounds Emission Control," as submitted to EPA on January 21, 1976 and as amended and resubmitted to EPA on June 3, 1976 are approved:

(1) The entire regulation as it applies to the islands of St. Thomas and St. John.

(2) The entire regulation as it applies to the Virgin Islands Water and Power Authority's Christiansted Power Plant on the island of St. Croix.

(3) The entire regulation excluding subsection (a)(2) as it applies to the remaining sources on the island of St. Croix.

Subsection (a)(2) of the regulation is not approved as it applies to the remaining sources on St. Croix because of the inadequacy of the control strategy demonstration noted in paragraph (a) of this section. Accordingly, all sources on St. Croix with the exception of the Virgin Islands Water and Power Authority's Christiansted Power Plant are required to conform to the sulfur-in-fuel-oil limitations contained in 12 V.I.R. & R. 9:204-26 as originally submitted to EPA on January 31, 1972.

(c) Reference to "Section (a)(2)" in subsection (d) of 12 V.I.R. & R. 9:204-26, as submitted to EPA on January 21, 1976 and as amended and resubmitted to EPA on June 3, 1976, refers to the following approved limitations: (1) For the islands of St. Thomas and St. John, subsection (a)(2) of section 204-26 as submitted to EPA on January 21, 1976 and as amended and resubmitted to EPA on June 3, 1976; (2) for the island of St. Croix, subsection (a)(2) of section 204-26 as originally submitted to EPA on January 31, 1972 and approved by EPA on May 31, 1972.

(40 U.S.C. 1857c-5, 42 U.S.C. 1857c-5 and 6; 1857g(a); 1859(g); secs. 110 and 301 of the Clean Air Act, as amended (42 U.S.C. 7410 and 7601))

[41 FR 28493, July 12, 1976, as amended at 41 FR 55531, Dec. 21, 1976; 43 FR 4016, Jan. 31, 1978]

Subpart DDD—American Samoa

§ 52.2820 Identification of plan.

(a) Title of plan: "The Territory of American Samoa Air Pollution Control Implementation Plan."

(b) The plan was officially submitted on January 27, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Revised legal authority submitted on March 9, 1972, by the Environmental Quality Commission.

(2) Letter indicating formal adoption of the implementation plan submitted on March 23, 1972, by the Environmental Quality Commission.

(3) Letter regarding comments on the plan and indicating intent to submit a revised plan submitted on April 28, 1972, by the Environmental Quality Commission.

(4) Formally adopted rules and regulations for the entire Territory submitted on June 8, 1972, by the Environmental Quality Commission.

[37 FR 10906, May 31, 1972, as amended at 41 FR 8969, Mar. 2, 1976]

§ 52.2821 Classification of regions.

The American Samoa plan was evaluated on the basis of the following classifications:

Air quality control region	Pollutant				
	Particulate matter	Sulfur oxides	Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
American Samoa	III	III	III	III	III

[37 FR 10906, May 31, 1972]

§ 52.2822 Approval status.

With the exceptions set forth in this subpart, the Administrator approves American Samoa's plan for the attainment and maintenance of the national standards.

[39 FR 8617, Mar. 6, 1974]

§ 52.2823 Attainment dates for national standards.

The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in American Samoa's plan.

Air quality control region	Pollutant						
	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Photochemical oxidants (hydrocarbons)
	Primary	Secondary	Primary	Secondary			
American Samoa	a	a	a	a	a	a	a

a. Air quality levels presently below secondary standards.

[37 FR 10906, May 31, 1972]

§ 52.2824 Review of new sources and modifications.

(a) The requirements of § 51.18 of this chapter are not met since the Territory of American Samoa failed to submit a plan for review of new or modified indirect sources.

(b) Regulation for review of new or modified indirect sources: The provisions of § 52.22(b) are hereby incorporated by reference and made a part of the applicable implementation plan for the Territory of American Samoa.

[39 FR 8617, Mar. 6, 1974]

§ 52.2825 [Reserved]

§ 52.2826 Maintenance of national standards.

(a) Based upon the information available to him and in accordance with EPA publication, Guidelines for Designation of Air Quality Maintenance Areas, the Administrator does not identify any areas pursuant to § 51.12, paragraphs (e) and (f), of this chapter as having the potential for violation of national ambient air quality standards within 10 years.

[40 FR 18738, Apr. 29, 1975]

§ 52.2827 Significant deterioration of air quality.

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21(b) through (w) are hereby incorporated and made a part of the applicable state plan for American Samoa.

(Secs. 101(b)(1), 110, 160-169, 171-178, and 301(a) of the Clean Air Act as amended (42 U.S.C. 7401(b)(1), 7410, 7470-7479, 7501-7508, and 7601(a)); sec. 129(a) of the Clean Air Act Amendments of 1977 (Pub. L. 95-95, 91 Stat. 685 (August, 7, 1977)))

[43 FR 26410, June 19, 1978, as amended at 45 FR 52741, Aug. 7, 1980]

Subpart EEE—Approval and Promulgation of Plans

§ 52.2850 Approval and promulgation of implementation plans.

State plans consisting of control strategies, rules, and regulations, and, in certain instances, compliance schedules, which the Administrator has determined meet the requirements of section 16 of the "Clean Air Amendments of 1970" have been approved, as follows:

DELAWARE

An implementation plan for the State's portion of the Philadelphia Interstate Air Quality Control Region was received by the Department of Health, Education, and Welfare on June 30, 1970. Supplemental information was received October 20, 1970. The Administrator has determined that the State's control strategy for sulfur oxides, as set forth in this implementation plan, is adequate for attainment of the national primary ambient air quality standards for sulfur oxides. Therefore, the Administrator has approved such control strategy, together with specified rules and regulations and the compliance schedule pertaining thereto.

NEW JERSEY

An implementation plan for the State's portion of the Philadelphia Interstate Air Quality Control Region was received by the Department of Health, Education, and Welfare on May 26, 1970. Supplemental information was submitted September 23, 1970. The Administrator has determined that the State's control strategy for sulfur oxides, as set forth in this implementation plan, is adequate for attainment of the national primary ambient air quality standards for sulfur oxides. Therefore, the Administrator has approved such control strategy, together with specified rules and regulations and the compliance schedule pertaining thereto.

PENNSYLVANIA

An implementation plan for the State's portion of the Philadelphia Interstate Air Quality Control Region was received by the Department of Health, Education, and Welfare on May 4, 1970. Supplemental information was received August 4, 1970. The Administrator has determined that the State's control strategy for sulfur oxides, as set forth in this implementation plan, is adequate for attainment of the national primary ambient air quality standards for sulfur oxides. Therefore, the Administrator has approved such control strategy, together with specified rules and regulations pertaining thereto.

KANSAS

An implementation plan for the State's portion of the Kansas City Interstate Air Quality Control Region was received by the Department of Health, Education, and Welfare on November 19, 1970. The Administrator has determined that the State's control strategy for particulate matter, as set forth in this implementation plan, is adequate for attainment of the national primary and secondary ambient air quality standards for particulate matter. Therefore, the Administrator has approved such control strategy, together with specified rules and regulations and the compliance schedule pertaining thereto.

VIRGINIA

An implementation plan for the State's portion of the National Capital Interstate Air Quality Control Region was received by the Department of Health, Education, and Welfare on April 29, 1970. Supplemental information was received August 10 and 14, 1970. The Administrator has determined that the State's control strategy for sulfur oxides and particulate matter, as set forth in this implementation plan, is adequate for attainment of the National primary and secondary ambient air quality standards for sulfur oxides and particulate matter. Therefore, the Administrator has approved such control strategy, together with specified rules and regulations and the compliance schedules pertaining thereto.

MARYLAND

An implementation plan for the State's portion of the National Capital Interstate Air Quality Control Region was received by the Department of Health, Education, and Welfare on May 28, 1970. Supplemental information was submitted August 7 and 21, 1970. The Administrator has determined that the State's control strategy for sulfur oxides and particulate matter, as set forth in this implementation plan, is adequate for attainment of the national primary and secondary ambient air quality standards for sulfur oxides and particulate matter. Therefore, the Administrator has approved such control strategy, together with specified rules and regulations, as well as the compliance schedule pertaining to the sulfur oxides standards.

MARYLAND

An implementation plan for the Baltimore Intrastate Air Quality Control Region was submitted to the Environmental Protection Agency on December 23, 1970. The Administrator as determined that the State's control strategy for sulfur oxides, as set forth in this implementation plan, is adequate for attainment of the national primary ambient air quality standards for sulfur oxides. The Administrator has also determined that the State's control strategy for particulate matter, as set forth in this implementation plan, is adequate for attainment of the national primary and secondary ambient air quality standards for particulate matter. Therefore, the Administrator has approved such control strategies, together with specified rules and regulations, as well as the compliance schedule pertaining to the sulfur oxides standards.

COLORADO

An implementation plan for the Denver Intrastate Air Quality Control Region was received by the Department of Health, Education, and Welfare on May 12, 1970, and was amended by letter dated November 10, 1970. The Administrator has determined that the State's control strategy for particulate matter, as set forth in this implementation plan, is adequate for attainment of the national primary ambient air quality standards for particulate matter. The Administrator has also determined that the State's control strategy for sulfur oxides, as set forth in this implementation plan, is adequate for maintaining the national secondary ambient air quality standards for sulfur oxides. Therefore, the Administrator has approved such control strategies, together with specified rules and regulations and the compliance schedules pertaining thereto.

MISSOURI

An implementation plan for the State's portion of the Kansas City Intrastate Air Quality Control Region was received by the Department of Health, Education, and Welfare on October 14, 1970. The Administrator has determined that the State's control strategy for particulate matter, as set forth in this implementation plan, is adequate for attainment of the national primary and secondary ambient air quality standards for particulate matter. Therefore, the Administrator has approved such control strategy, together with specified rules and regulations and the compliance schedules pertaining thereto.

DISTRICT OF COLUMBIA

An implementation plan for the District's portion of the National Capital Interstate Air Quality Control Region was received by the Department of Health, Education, and Welfare on May 6, 1970. Supplemental information was received August 24, 1970. The Administrator has determined that the District's control strategy for sulfur oxides and particulate matter, as set forth in this implementation plan, is adequate for attainment of the national primary and secondary ambient air quality standards for sulfur oxides and particulate matter. Therefore, the Administrator has approved such control strategy, together with specified rules and regulations pertaining thereto.

MASSACHUSETTS

An implementation plan for the Boston Intrastate Air Quality Control Region was received by the Department of Health, Education, and Welfare on September 16, 1970. The Administrator has determined that the State's control strategy for sulfur oxides, as set forth in this implementation plan, is adequate for attainment of the national primary ambient air quality standards for sulfur oxides. Therefore, the Administrator has approved such control strategy, together with specified rules and regulations and the compliance schedules pertaining thereto.

[37 FR 2581, Feb. 2, 1972. Redesignated at 37 FR 10846, May 31, 1972]

APPENDIX A—INTERPRETATIVE RULINGS FOR § 52.22(b)—REGULATION FOR REVIEW OF NEW OR MODIFIED INDIRECT SOURCES

The purpose of this appendix is to set forth certain basic interpretations of the regulation for the review of new or modified indirect sources in § 52.22(b). It is not possible to issue an interpretative ruling which will answer precisely every question that will come up in the administration of that regulation. Many questions concerning whether a facility is subject to review must necessarily be answered on a case-by-case basis. Those administering the indirect source regulation should resolve doubts and close cases in favor of review since the regulation's intent is to review all indirect sources except those clearly and specifically exempted.

Since cases may arise in which developers plan to construct projects which they feel are exempt but which may be arguably subject to the regulation, developers may apply for a determination of applicability ruling from EPA to achieve a greater degree of certainty in proceeding with their projects. Such rulings should be requested in writing from the appropriate regional offices. Requests should fully recite the facts upon which the developer believes the exemption is based. In appropriate cases a ruling will be issued which will be strictly limited to the facts as understood by the Agency. If construction commences in circumstances under which any material fact is at variance with those represented in the ruling request or if a material fact were omitted from the request, then the ruling would be rendered inoperative.

One caveat should precede these interpretative rulings: the following is the Administrator's interpretation of his own regulation, 40 CFR 52.22(b). States which develop their own regulations which may be approved under 40 CFR 51.18 are not bound to interpret their regulations in the same manner, so long as their regulations operate to insure that the national standards will not be violated as a result of the construction of a new indirect source.

(1) The basic focus of the regulation is to review a new facility which will have an associated parking area of the requisite number of parking spaces. The list contained in 40 CFR 52.22(b)(1)(i) is merely a set of examples and should not be overemphasized. The key to determining which facilities must be reviewed is in paragraph (b)(2), which requires review of "a new parking facility, or other new indirect source with an associated parking area" of the requisite size. Thus, in every case, the most important factor will be to determine whether an "associated parking area" of the requisite size is to be "owned and/or operated in conjunction with" a facility. To be an "associated parking area" within the intent of the regultion, the area must be a separate and discrete localized facility associated with a particular indirect source.

(2) A major area development, such as an urban renewal project, industrial park, new town, or large residential development, is not considered an indirect source itself. Rather, such a project may contain a number of indirect sources, some of which may require preconstruction review under the regulation. For example, assume that twelve blocks of a city within an SMSA are being reconstructed pursuant to a redevelopment plan and within the twelve blocks there is to be a municipal auditorium with 1,500 parking spaces underneath it, an apartment building with 300 parking spaces adjacent to it to serve its residents, a 1,200-space municipal parking garage, many townhouses with single or double private garages for the use of their owners, and 500 spaces for curbside on-street parking. The municipal auditorium and the municipal garage will each be subject to the regulation as a separate indirect source since each will have a separate and discrete associated parking area of 1,000 spaces or more. The redevelopment project itself is not an "indirect source" subject to review under the regulation, however, merely because it includes in the aggregate more than 1,000 spaces. The construction, 5 years later, of a new apartment building with an associated parking area of 600 cars within the urban renewal area will not trigger review under the regulation. First, this is not a modification of an associated parking area but rather a new separate and discrete parking area. Second, this is not an increment under § 52.22(b)(2)(iv) since it is not an addition to an existing "indirect source" within the contemplation of the regulation. On the other hand, if 500 spaces are later added to the apartment building's parking facility, this is a modification to a particular facility which triggers review. Similarly, additional spaces added to such facility from time to time will be considered as increments to that facility within the contemplation of § 52.22 (b)(2)(iv).

(3) The phrase "or facilities" is included in § 52.22(b)(1)(iii) to assure that mere physical barriers between parking areas serving a single indirect source will not operate to exclude from review what is in essence a discrete associated parking area for a single source. For example, a shopping mall which is to be constructed with 500 parking spaces on the north side of the mall and 500 spaces on the south, even though the two parking "facilities" are physically separate and do not have connecting roads between them, will be considered to have an "associated parking area" of 1,000 spaces.

(4) The term "owned and/or operated in conjunction with" which is used to defined an associated parking area is intended to convey an operational test as to whether a particular parking area serves a particular facility under a common scheme ownership and/or operation. Thus,

(i) Two parking facilities owned by the same person which are located in different areas of a city will not be considered a single associated parking area.

(ii) Parking facilities which are fortuitously constructed near an indirect source but over which the owner or operator of the source has no control, and which are not constructed pursuant to an understanding by which the facility will serve the indirect source, will not be considered an "associated parking area" of the source. For example, if a developer constructs a shopping center with 600 parking spaces and a municipality erects a 500-space parking garage adjacent to the center completely independent of the shopping center development, there is not a single 1100-space associated parking area within the contemplation of the regulation. However, if such parking garage were constructed pursuant to an explicit or even implied agreement to serve the shopping center, it would be considered part of the center's "associated parking area."

(5) It is not necessary for an "associated parking area" to be directly contiguous to an indirect source to cause that source to be subject to review. For instance, a developer could not avoid review by constructing a large retail facility on one side of the street with 40 parking spaces immediately adjacent to it, and constructing a 960-space parking facility across the street. All 1,000 spaces would be treated as an "associated parking area" within the contemplation of § 52.22(b)(1)(iii) since they are owned and/or operated in conjunction with a particular indirect source. On the other hand, parking facilities located across the street from each other which serve two separate indirect sources would not constitute a single "associated parking area."

(6) The following is a clarification of a number of issues concerning the phased development of individual indirect sources and of major area developments, such as an urban renewal project.

(i) In all cases applicants are allowed and in fact encouraged, to apply for approval of all phases of the project at the same time, so long as all the information required for the reviewing agency to perform an air quality impact analysis is provided.

(ii) Since a major area development is not in itself a discrete indirect source subject to review under the regulation, commencement of construction of one phase of such development or of a single facility within the development prior to 1975 will not operate to exempt subsequent indirect sources within such overall development plan which commence construction after 1974.

(iii) In the phased development of a single indirect source, if construction for the initial phase commences prior to 1975, additional phases would be considered modifications or increments and would require review only by addition of the requisite number of parking spaces. For example, assume that a shopping center with a 3000-space parking area began construction prior to 1975 and was to have four major "anchor" department stores in addition to dozens of smaller retail and service establishments. The plan is to build the bulk of the shopping center in the first phase, including the entire parking area, and to build two of the "anchor" stores in the second phase some time after the center begins operation. Neither phase of construction of this shopping center would require indirect source review since the first phase of construction began prior to 1975, and the second phase did not provide for the addition of the requisite number of parking spaces.

(iv) Similarly, in the phased development of a single indirect source, a break in construction between phases would not make the construction which commenced prior to 1975 "noncontinuous" and therefore subject the entire project to indirect source review, because in essence a single source (the result of the first phase) was constructed in a continuous process which commenced prior to 1975. For example, neither phase of the shopping center discussed above would be subject to review simply because there was a break in construction between the distinct phases.

(v) In cases where applicants apply for approval of all phases of a project at the same time, the information required by § 52.22(b)(3) must be submitted for each phase of the development. It is necessary that the air quality analysis be performed for each phase as it opens and not merely for the last phase. For example, assume that analysis of a phased project indicated that operation of the facility following completion of the first phase would cause a violation of the national standards, but operation following completion of the following phases would not. Approval of the project would not be granted until essential design or operational changes were made to the first phase so that the national standards would not be violated.

(7) Demolition can be considered to be a form of "site clearance" as that term is used in the definitions of the phrases "to commence construction" and "to commence modification" in § 52.22(b)(1)(v) and (vi). It is important to note, however, that demolition prior to 1975 will serve to exempt a project only where it is part of a continuous program of construction specifically designed for a particular indirect source. Thus, where a developer demolishes a structure on a particular site in 1973, then does no further physical site work until 1975, a source constructed on that site will not be exempt from review merely because the site clearance began in 1973.

(8) The *force majeure* language in § 52.22(b)(1)(v) (acts of God, litigation, strikes, etc.) applies only in the determination of whether construction of an indirect source is "continuous." Thus,

(i) The fact that construction failed to commence at all prior to 1975 because of force majeure reasons is irrelevant. Actual physical site work must commence in a continuous course before 1975 for the exemption to be valid.

(ii) Only breaks in construction attributable solely to the enumerated force majeure reasons will be considered in determining whether a project is exempt. For example, assume a developer demolished a site in 1973 and for business or other reasons discontinued actual physical construction, then planned to commence continuous construction on the site in mid-1974 but was prevented from doing so until 1975 because of litigation. The source would not be exempted from review since factors other than the force majeure reasons played a role in rendering the construction non-continuous.

(9) Section 52.22(b)(2) requires review of "any new parking facility, or other new indirect source with an associated parking area." Thus, if either the parking facility or the indirect source with the associated parking area are new, an indirect source review would be necessary. For example, if a developer who has operated a large surface parking lot for several years decided to construct an office building on part of the lot while retaining the remainder to serve as the parking lot for the building, the project would be required to undergo preconstruction review as a new indirect source. Another example is the demolition or accidental destruction of an indirect source followed by the construction of similar facility on the same parcel of land using the same parking lot. Again this new indirect source would be required to undergo preconstruction review.

(10) Indirect source approvals are fully transferable between successive owners of the property for which an approval is granted so long as the indirect source is constructed and/or modified fully in accordance with the approved application and all conditions thereto.

(11) Section 52.22(b)(9) provides that the reviewing agency may specify any operating factor which could affect air quality as a condition to approval of the permit application. Conditions which must be considered when necessary to insure attainment and maintenance of the national standards are:

(i) A requirement that the facility, or any incremental development phase, not be opened for business prior to the date specified by the reviewing agency.

(ii) Specification of the type and degree of further modification that would be subject to another review. This may include specification of fewer parking spaces than required by § 52.22(b)(2) or specifying certain structural or use changes which may increase traffic associated with the indirect source.

[39 FR 25300, July 9, 1974]

APPENDICES B-C—[RESERVED]

APPENDIX D—DETERMINATION OF SULFUR DIOXIDE EMISSIONS FROM STATIONARY SOURCES BY CONTINUOUS MONITORS

1. *Definitions.*

1.1 *Concentration Measurement System.* The total equipment required for the continuous determination of SO_2 gas concentration in a given source effluent.

1.2 *Span.* The value of sulfur dioxide concentration at which the measurement system is set to produce the maximum data display output. For the purposes of this method, the span shall be set at the expected maximum sulfur dioxide concentration except as specified under section 5.2, Field Test for Accuracy.

1.3 *Accuracy (Relative).* The degree of correctness with which the measurement system yields the value of gas concentration of a sample relative to the value given by a defined reference method. This accuracy is expressed in terms of error which is the difference between the paired concentration measurements expressed as a percentage of the mean reference value.

1.4 *Calibration Error.* The difference between the pollutant concentration indicated by the measurement system and the known concentration of the test gas mixture.

1.5 *Zero Drift.* The change in measurement system output over a stated period of time of normal continuous operation when the pollutant concentration at the time for the measurement is zero.

1.6 *Calibration Drift.* The change in measurement system output over a stated period of time of normal continuous operation when the pollutant concentration at the time of the measurement is the same known upscale value.

1.7 *Response Time.* The time interval from a step change in pollutant concentration at the input to the measurement system to the time at which 95 percent of the corresponding final value is reached as displayed on the measurement system data presentation device.

1.8 *Operational Period.* A minimum period of time over which a measurement system is expected to operate within certain performance specifications without unscheduled maintenance, repair or adjustment.

1.9 *Reference Method.* The reference method for determination of SO_2 emissions shall be Method 8 as delineated in Part 60 of this chapter. The analytical and computational portions of Method 8 as they relate to determination of sulfuric acid mist and sulfur trioxide, as well as isokinetic sampling, may be omitted from the overall test procedure.

2. *Principle and Applicability.*

2.1 *Principle.* Gases are continuously sampled in the stack emissions and analyzed for sulfur dioxide by a continuously operating emission measurement system. Performance specifications for the continuous measurement systems are given. Test procedures are given to determine the capability of the measurement systems to conform to the performance specifications. Sampling may include either the extractive or nonextractive (in-situ) approach.

2.2 *Applicability.* The performance specifications are given for continuous sulfur dioxide measurement systems applied to nonferrous smelters.

3. *Apparatus.*

3.1 *Calibration Gas Mixture.* Mixture of a known concentrations of sulfur dioxide in oxygen-free nitrogen. Nominal volumetric concentrations of 50 percent and 90 percent of span are recommended. The mixture of 90 percent of span is to be used to set and to check the span and is referred to as the span gas. The gas mixtures shall be analyzed by the Reference Method at least two weeks prior to use or demonstrated to be accurate and stable by an alternate method subject to approval of the Administrator.

3.2 *Zero Gas.* A gas containing less than 1 ppm sulfur dioxide.

3.3 Equipment for measurement of sulfur dioxide concentration using the Reference Method.

3.4 *Chart Record.* Analog chart recorder, input voltage range compatible with analyzer system output.

3.5 Continuous measurement system for sulfur dioxide.

4. *Measurement System Performance Specifications.*

The following performance specifications shall be met in order that a measurement system shall be considered acceptable under this method.

TABLE I.—PERFORMANCE SPECIFICATIONS

Parameter [a]	Specification
1. Accuracy [a]	<20 percent of reference mean value.
2. Calibration Error [a]	<5 percent of each (50%, and 30%) calibration gas mixture.
3. Zero Drift (2-hours) [a]	<2 percent of emission standard.
4. Zero Drift (24-hours) [a]	<4 percent of emission standard.
5. Calibration Drift (2-hours) [a]	<2 percent of emission standard.
6. Calibration Drift (24-hours) [a]	<5 percent of emission standard.
7. Response Time	<5 minutes maximum.
8. Operational Period	<168 hours minimum.

[a] Expressed as sum of absolute mean value plus 95 percent confidence interval of a series of tests.

5. *Performance Specification Test Procedures.*

The following test procedures shall be used to determine compliance with the requirements of paragraph 4:

5.1 *Calibration test.*

5.1.1 Analyze each calibration gas mixture (50 percent, 90 percent) for sulfur dioxide by the Reference method and record the results on the example sheet shown in Figure D-1. This step may be omitted for nonextractive monitors where dynamic calibration gas mixtures are not used (see 5.1.2).

5.1.2 Set up and calibrate the complete measurement system according to the manufacturer's written instructions. This may be accomplished either in the laboratory or in the field. Make a series of five nonconsecutive readings with span gas mixtures alternately at each concentration (example, 50 percent, 90 percent, 50 percent, 90 percent, 50 percent). For nonextractive measurement systems, this test may be performed using procedures specified by the manufacturer and two or more calibration gases whose concentrations are certified by the manufacturer and differ by a factor of two or more. Convert the measurement system output readings to ppm and record the results on the example sheet shown in Figure D-2.

5.2 *Field Test for Accuracy (Relative), Zero Drift and Calibration Drift.* Install and operate the measurement system in accordance with the manufacturer's written instructions and drawings as follows:

5.2.1 *Conditioning Period.* Offset the zero setting at least 10 percent of span so that negative zero drift may be quantified. Operate the system for an initial 168-hour conditioning period. During this period the system should measure the SO_2 content of the effluent in a normal operational manner.

5.2.2 *Operational Test Period.* Operate the system for an additional 168-hour period. The system shall be monitoring the source effluent at all times when not being zeroed, calibrated or backpurged.

5.2.2.1 *Field Test for Accuracy (Relative).* The analyzer output for the following test shall be maintained between 20 percent and 90 percent of span. It is recommended that a calibrated gas mixture be used to verify the span setting utilized. During this 168-hour test period, make a minimum of nine (9) SO_2 concentration measurements using the Reference Method with a sampling period of one hour. If a measurement system operates across the stack or a portion of it, the Reference Method test shall make a four-point traverse over the measurement system operating path. Isokinetic sampling and analysis for SO_3 and H_2SO_4 mist are not required. For measurement systems employing extractive sampling, place the measurement system and the Reference Method probe tips adjacent to each other in the duct. One test will consist of two simultaneous samples with not less than two analyses on each sample. Record the test data and measurement system concentrations on the example sheet shown in Figure D-3.

5.2.2.2 *Field Test for Zero Drift and Calibration Drift.* Determine the values given by zero and span gas SO_2 concentrations at 2-hour intervals until 15 sets of data are obtained. Alternatively, for nonextractive measurement systems, determine the values given by an electrically or mechanically produced zero condition, and by inserting a certified calibration gas concentration equivalent to not less than 20 percent of span, into the measurement system. Record these readings on the example sheet shown in Figure D-4. These 2-hour periods need not be consecutive but may not overlap. If the analyzer span is set at the expected maximum concentration for the tests performed under section 5.2.2, then the zero and span determinations to be made under this paragraph may be made concurrent with the tests under section 5.2.2.1. Zero and calibration corrections and adjustments are allowed only at 24-hour intervals (except as required under 5.2.2) or at such shorter intervals as the manufacturer's written instructions specify. Automatic corrections made by the measurement system without operator intervention or initiation are allowable at any time. During the entire 168-hour test period, record the values given by zero and span gas SO_2 concentrations before and after adjustment at 24-hour intervals in the example sheet shown in Figure D-5.

5.3 *Field Test for Response Time.*

5.3.1 This test shall be accomplished using the entire measurement system as installed including sample transport lines if used. Flow rates, line diameters, pumping rates, pressures (do not allow the pressurized calibration gas to change the normal operating pressure in the sample line), etc., shall be at the nominal values for normal operation as specified in the manufacturer's written instructions. In the case of cyclic analyzers, the response time test shall include one cycle.

5.3.2 Introduce a zero concentration of SO_2 into the measurement system sampling interface or as close to the sampling interface as possible. When the system output reading has stabilized, switch quickly to a known concentration of SO_2 at 70 to 90 percent of span. Record the time from concentration switching to final stable response. After the system response has stabilized at the upper level, switch quickly to a zero concentration of SO_2. Record the time from concentration switching to final stable response. Alternatively, for nonextractive monitors, a calibration gas concentration equivalent to 20 percent of span or more may be switched into and out of the sample path and response times recorded. Perform this test sequence three (3) times. For each test record the results on the example sheet shown in Figure D-6.

6. *Calculations, Data Analysis and Reporting.*

6.1 Procedure for determination of mean values and confidence intervals.

6.1.1 The mean value of a data set is calculated according to equation D-1.

Equation D-1

where:

x_i = individual values.

Σ = sum of the individual values.

$\bar{x}$ = mean value.

n = number of data points.

6.1.2 The 95 percent confidence interval (two-sided) is calculated according to equation D-2.

Equation D-2

where:

Σx_i = sum of all data points.

$t_{.975} = t_{1-\alpha/2}$, and

$C.I._{95}$ = 95 percent confidence interval estimated of the average mean value.

TYPICAL VALUES FOR $T_{1-\alpha/2}$

n	t.975	n	t.975	n	t.975
2	12.706	7	2.447	12	2.201
3	4.303	8	2.365	13	2.179
4	3.182	9	2.306	14	2.160
5	2.776	10	2.262	15	2.145
6	2.571	11	2.228	16	2.131

The values in this table are already corrected for n-1 degrees of freedom. Use n *equal to the number of samples* as data points.

6.2 *Data Analysis and Reporting.*

6.2.1 *Accuracy (Relative).* For each of the nine reference method testing periods, determine the average sulfur dioxide concentration reported by the continuous measurement system. These average concentrations shall be determined from the measurement system data recorded under section 5.2.2.1 by integrating the pollutant concentrations over each of the time intervals concurrent with each reference method test, then dividing by the cumulative time of each applicable reference method testing period. Before proceeding to the next step, determine the basis (wet or dry) of the measurement system data and reference method test data concentrations.

If the bases are not consistent, apply a moisture correction to either the referenced method concentrations or the measurement system concentrations, as appropriate. Determine the correction factor by moisture tests concurrent with the reference method testing periods. Report the moisture test method and the correction procedure employed. For each of the nine test runs, subtract the Reference Method test concentrations from the continuous monitoring system average concentrations. Using these data, compute the mean difference and the 95 percent confidence interval using equations D-1 and D-2. Accuracy is reported as the sum of the absolute value of the mean difference and the 95 percent confidence interval expressed as a percentage of the mean reference method value. Use the example sheet shown in Figure D-3.

6.2.2 *Calibration Error.* Using the data from section 5.1 of this appendix, subtract the measured SO_2 value determined under section 5.1.1 (Figure D-1) from the value shown by the measurement system for each of the 5 readings at each concentration measured under section 5.1.2 (Figure D-2). Calculate the mean of these difference values and the 95 percent confidence intervals according to equations D-1 and D-2. The calibration error is reported as the sum of absolute value of the mean difference and the 95 percent confidence interval as a percentage of each respective calibration gas concentration. Use example sheet shown in Figure D-2.

6.2.3 *Zero Drift (2-hour).* Using the zero concentration values measured each two hours during the field test, calculate the differences between *consecutive* two-hour readings expressed in ppm. Calculate the mean difference and the confidence interval using Equations D-1 and D-2. Report the zero drift as the sum of the absolute mean value and the confidence interval as a percentage of the emission standard. Use example sheet shown in Figure D-4.

6.2.4 *Zero Drift (24-hour).* Using the zero concentration values measured every 24 hours during the field test, calculate the differences between the zero point after zero adjustment and the zero value 24 hours later just prior to zero adjustment. Calculate the mean value of these points and the confidence interval using Equations D-1 and D-2. Report the zero drift as the sum of the absolute mean and confidence interval as a percentage of the emission standard. Use example sheet shown in Figure D-5.

6.2.5 *Calibration Drift (2-hour).* Using the calibration values obtained at two-hour intervals during the field test, calculate the differences between *consecutive* two-hour readings expressed as ppm. These values should be corrected for the corresponding zero drift during that two-hour period. Calculate the mean and confidence interval of these corrected difference values using Equations D-1 and D-2. Do not use the differences between non-consecutive readings. Report the calibration drift as the sum of the absolute mean and confidence interval as a percentage of the emission standard. Use the example sheet shown in Figure D-4.

6.2.6 *Calibration Drift (24-hour).* Using the calibration values measured every 24 hours during the field test, calculate the differences between the calibration concentration reading after zero and calibration adjustment and the calibration concentration reading 24 hours later after zero adjustment but before calibration adjustment. Calculate the mean value of these differences and the confidence interval using equations D-1 and D-2. Report the sum of the absolute mean and confidence interval as a percentage of the emission standard. Use the example sheet shown in Figure D-5.

6.2.7 *Response Time.* Using the charts from section 5.3 of this Appendix, calculate the time interval from concentration switching to 95 percent to the final stable value for all upscale and downscale tests. Report the mean of the three upscale test times and the mean of the three downscale test times. For nonextractive instruments using a calibration gas cell to determine response time, the observed times shall be extrapolated to 90 percent of full scale response time. For example, if the observed time for a 20 percent of span gas cell is one minute, this would be equivalent to a 4½-minute response time when extrapolated to 90 percent of span. The two average times should not differ by more than 15 percent of the slower time. Report the slower time as the system response time. Use the example sheet shown in Figure D-6.

6.2.8 *Operational Period.* During the 168-hour performance and operational test period, the measurement system shall not require any corrective maintenance, repair, replacement, or adjustment other than that clearly specified as required in the operation and maintenance manuals as routine and expected during a one-week period. If the measurement system operates within the specified performance parameters and does not require corrective maintenance, repair, replacement or adjustment other than specified above, during the 168-hour test period, the operational period will be successfully concluded. Failure of the measurement to meet this requirement shall call for a repetition of the 168-hour test period. Portions of the test which were satisfactorily completed need not be repeated. Failure to meet any performance specifications shall call for a repetition of the one-week performance test period and that portion of the testing which is related to the failed specification. All maintenance and adjustments required shall be recorded. Output readings shall be recorded before and after all adjustments.

6.2.9 *Performance Specifications Testing Frequency.* In the event that significant repair work is performed in the system, the company shall demonstrate to the Administrator that the system still meets the performance specifications listed in Table I of this appendix. The Administrator may require a performance test at any time he determines that such test is necessary to verify the performance of the measurement system.

7. *References.*

7.1 *Monitoring Instrumentation for the Measurement of Sulfur Dioxide in Stationary Source Emissions,* Environmental Protection Agency, Research Triangle Park, N.C., February 1973.

7.2 *Instrumentation for the Determination of Nitrogen Oxides Content of Stationary Source Emissions,* Environmental Protection Agency, Research Triangle Park, N.C., APTD 0847, Vol. I, October 1971; APTD 0942, Vol. II, January 1972.

7.3 *Experimental Statistics,* Department of Commerce, Handbook 91, 1963, p. 3-31, paragraphs 3-3.1.4.

7.4 *Performance Specifications for Stationary-Source Monitoring Systems for Gases, and Visible Emissions,* Environmental Protection Agency, Research Triangle Park, N.C., EPA-650/2-74-013, January 1974.

FIGURE D-1.—ANALYSIS OF CALIBRATION GAS MIXTURES

Date ———— Reference Method Used ————

Mid Range Calibration Gas Mixture

Sample 1.. ppm
Sample 2.. ppm
Sample 3.. ppm
Average.. ppm

High Range (span) Calibration Gas Mixture

Sample 1.. ppm
Sample 2.. ppm
Sample 3.. ppm
Average.. ppm

FIGURE D-2.—CALIBRATION ERROR DETERMINATION

Calibration gas mixture data (from fig. D-1): Mid (50 percent) average —— p/m, high (90 percent) average —— p/m

Run No.	Calibration gas concentration [1]	Measurement system reading, p/m	Differences, p/m [2]
1			
2			
3			
4			
5			
6			
7			
8			
9			
1			
11			
12			
13			

FIGURE D-2.—CALIBRATION ERROR DETERMINATION—Continued

Calibration gas mixture data (from fig. D-1): Mid (50 percent) average —— p/m, high (90 percent) average —— p/m

Run No.	Calibration gas concentration [1]	Measurement system reading, p/m	Differences, p/m [2]
14			
15			

	Percent of full scale reading	
	50% mid	90% high
Mean difference		
Confidence interval	±	±
Calibration error = Mean difference [3] + C.I. / Average calibration gas concentration × 100	%	%

[1] Mid or high.

[2] Calibration gas concentration—measurement system reading.

[3] Absolute value.

FIGURE D-3.—ACCURACY

Date and time	Test No.	Reference method samples	Analyzer 1-hour average [1] (p/m)	Difference [2] (p/m)
1				
2				
3				
4				
5				
6				
7				
8				
9				

Mean difference = ———— p/m.

95 percent confidence interval = + ———— p/m.

Mean Reference method value = ———— p/m.

Accuracy = Mean difference (absolute value) + 95 percent confidence interval/Mean reference method value × 100——— percent

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[1] Explain method used to determine average.

[2] Difference = the 1-h average minus the reference method average.

FIGURE D-4.—ZERO AND CALIBRATION DRIFT (2 H)

Date	Time		Date set No.	Zero reading	Zero drift (Δzero)	Span reading	(Δspan)	Calibration drift (Δspan-Δzero)
	Begin	End						
			1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					

FIGURE D-4.—ZERO AND CALIBRATION DRIFT (2 H)—Continued

Date	Time		Date set No.	Zero reading	Zero drift (Δzero)	Span reading	(Δspan)	Calibration drift (Δspan-Δzero)
	Begin	End						
			13					
			14					
			15					

Zero drift = [mean zero drift [1] ——— + CI (zero) ——— ÷ emission standard] × 100 = ———.
Calibration drift = [mean span drift [1] ——— CI + CI (span) ——— ÷ emission standard] × 100 = ———.

---

[1] Absolute value.

FIGURE D-5.—ZERO AND CALIBRATION DRIFT (24 HR)

Date and time	Zero reading	Zero drift (Δzero)	Span reading (after zero adjustment)	Calibration drift (Δspan)

Zero drift = [mean zero drift [1] ——— + CI (zero) ——— ÷ emission standard] × 100 = ———.
Calibration drift = [mean span drift [1] ——— + CI (span) ——— ÷ emission standard] × 100 = ———.

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[1] Absolute value.

Date of Test ———.
Span Gas Concentration ——— ppm.
Analyzer Span Setting ——— ppm.
Upscale:
1 ——— seconds.
2 ——— seconds.
3 ——— seconds.
Average upscale response ——— seconds.
Downscale:
1 ——— seconds.
2 ——— seconds.
3 ——— seconds.
Average downscale response ——— seconds.
System response time = slower time ———seconds.
Percent deviation from slowest time = average upscale − average downscale × 100%/slower time

FIGURE D-6.—Response Time

[40 FR 5517, Feb. 6, 1975]

APPENDIX E—PERFORMANCE SPECIFICATIONS AND, SPECIFICATION TEST PROCEDURES FOR MONITORING SYSTEMS FOR EFFLUENT STREAM GAS VOLUMETRIC FLOW RATE

1. *Principle and applicability.*

1.1 *Principle.* Effluent stream gas volumetric flow rates are sampled and analyzed by a continuous measurement system. To verify the measurement system performance, values obtained from the measurement system are compared against simultaneous values obtained using the reference method. These comparison tests will be performed to determine the relative accuracy, and drift of the measurement system over the range of operating conditions expected to occur during normal operation of the source. If the measurement system is such that the specified tests in section 5.1 for drift do not apply, those test procedures shall be disregarded.

1.2 *Applicability.* This method is applicable to subparts which require continuous gas volumetric flow rate measurement.

Specifications are given in terms of performance. Test procedures are given for determining compliance with performance specifications.

2. *Apparatus.*

2.1 Continuous measurement system for determining stack gas volumetric flow rate.

2.2 Equipment for measurement of stack gas volumetric flow rate as specified in the reference method.

3. *Definitions.*

3.1 *Measurement system.* The total equipment required for the determination of the gas volumetric flow rate in a duct or stack. The system consists of three major subsystems:

3.1.1 *Sampling Interface.* That portion of the measurement system that performs one or more of the following operations: Delineation, acquisition, transportation, and conditioning of a signal from the stack gas and protection of the analyzer from any hostile aspects of the source environment.

3.1.2 *Analyzer.* That portion of the measurement system which senses the stack gas flow rate or velocity pressure and generates a signal output that is a function of the flow rate or velocity of the gases.

3.1.3 *Data presentation.* That portion of the measurement system that provides a display of the output signal in terms of volumetric flow rate units, or other units which are convertible to volumetric flow rate units.

3.2 *Span.* The value of gas volumetric flow rate at which the measurement system is set to produce the maximum data display output. For the purposes of this method, the span shall be set at 1.5 times the maximum volumetric flow rate expected under varying operating conditions of the source.

3.3 *Zero drift.* The change in measurement system output over a stated period of time of normal continuous operation when gas volumetric flow rate at the time of the measurements is zero.

3.4 *Calibration drift.* The change in measurement system output over a stated time period of normal continuous operation when the gas volumetric flow rate at the time of the measurement is 67 percent of the span value.

3.5 *Operation period.* A minimum period of time over which a measurement system is expected to operate within certain performance specifications without unscheduled maintenance, repair, or adjustment.

3.6 *Orientation sensitivity.* The angular tolerance to which the sensor can be misaligned from its correct orientation to measure the flow rate vector before a specified error occurs in the indicated flow rate compared to the reference flow rate.

3.7 *Reference method.* Method 2 as delineated in 40 CFR Part 60.

4. *Measurement system performance specifications.* A measurement system must meet the performance specifications in Table E-1 to be considered acceptable under this method.

TABLE E-1

Parameter	Specifications
Accuracy (relative)	< 10 percent of mean reference value (paragraph 6.3.1).
Zero drift (24 hours)	< 3 percent of span (paragraph 6.3.2).
Calibration drift (24 hours)	< 3 percent of span (paragraph 6.3.3).
Operational period	< 168 hours minimum.

5. *Test procedures.*

5.1 Field test for accuracy, zero drift, calibration drift, and operation period.

5.1.1 *System conditioning.* Set up and operate the measurement system in accordance with the manufacturer's written instructions and drawings. Offset the zero point of the chart recorder so that negative values up to 5 percent of the span value may be registered. Operate the system for an initial 168-hour conditioning period. During this initial period, the system should measure the gas stream volumetric flow rate in a normal operational manner. After completion of this conditioning period, the formal 168-hour performance and operational test period shall begin.

5.1.2 *Field test for accuracy and operational period.* During the 168-hour test period, the system should be continuously measuring gas volumetric flow rate at all times. During this period make a series of 14 volumetric flow rate determinations simultaneously using the reference method and the measurement system. The 14 determinations can be made at any time interval at least one hour apart during the 168-hour period except that at least one determination on five different days must be made with one determination on the last day of such period. The determinations shall be conducted over the range of volumetric flow rates expected to occur during normal operation of the source. The measurement system volumetric flow rate reading corresponding to the period of time during which each reference method run was made may be obtained by continuous integration of the measurement system signal over the test interval. Integration may be by use of mechanical integration of electrical units on the chart recorder or use of a planimeter on the strip chart recorder. The location and orientation of the reference method measurement device and the measurement system should be as close as practical without interference, but no closer than 1.3 cm (0.5 inch) to each other and shall be such that dilution air or other interferences cannot be interjected into the stack or duct between the pitot tube and the measurement system. Be careful not to locate the reference method pitot tube directly up or down stream of the measurement system sensor.

5.1.3 *Field test for calibration drift and zero drift.* At 24-hour intervals, but more frequently if recommended by the manufacturer, subject the measurement system to the manufacturer's specified zero and calibration procedures, if appropriate. Record the measurement system output readings before and after adjustment. Automatic corrections made by the system without operator intervention are allowable at anytime.

5.1.4 *Field test for orientation sensitivity.* If a velocity measurement system is either a single point measurement device or a pressure sensor or any other device such as pitot tube which uses the flow direction of the test gas, then the following test shall be followed and a performance specification of ±10 degrees device orientation sensitivity for ±4 percent flow rate determination accuracy must be met in order for the measurement system to be considered acceptable under this method. This is in addition to the performance specifications given in paragraph 4 of this appendix. During a period of relatively steady state gas flow, perform the following orientation test using the measurement system. The system should be continuously measuring gas velocity at all times. Rotate the measurement 10° on each side of the direction of flow in increments of 5°. Perform this test three times each at: (1) Maximum operating velocity (±15 percent); (2) 67 percent ±7.5 percent of the maximum operating velocity; and (3) 33 percent ±7.5 percent of the maximum operating velocity if (2) and (3) are normal operating practices.

6. *Calculations data analysis and reporting.*

6.1 *Procedure for determination of stack gas volumetric flow rate.* Calculate the reference stack gas velocity and corresponding stack gas volumetric flow rate with the calibrated type S pitot tube measurements by the reference method. Calculate the measurement system stack gas volumetric flow rate as specified by the manufacturer's written instructions. Record the volumetric flow rates for each in the appropriate tables.

6.2 *Procedure for determination of mean values and 95 percent confidence intervals.*

6.2.1 *Mean value.* The mean value of a data set is calculated according to equation E-1.

EQUATION E-1

where:

x_i = individual values.

Σ = sum of the individual values.

x = mean value.

n = data points.

6.2.2 *95 percent confidence level.* The 95 percent confidence level (two sided) is calculated according to Equation E-2.

EQUATION E-2

where:

Σx_i = sum of all data points.

(Σx_i) = sum of squares of all data points.

$C.I._{95}$ = 95 percent confidence interval estimate of the average mean value.

VALUES FOR *t*.975

n	*t*.975	*n*	*t*.975	*n*	*t*.975
2	12.706	7	2.447	12	2.201
3	4.303	8	2.365	13	2.179
4	3.182	9	2.306	14	2.160
5	2.776	10	2.262	15	2.145
6	2.571	11	2.228	16	2.131

The values in this table are already corrected for n-1 degrees of freedom. Use n equal to the number of samples as data points.

6.3 *Data analysis and reporting.*

6.3.1 *Accuracy (relative).* First, calculate the mean reference value (equation E-1) of the 14 average volumetric flow rates calculated by the reference method. Second, from the 14 pairs of average volumetric flow rates calculated by the reference method and measurement system volumetric flow rate readings, calculate the mean value (equation E-1) of the differences of the 14 paired readings. Calculate the 95 percent confidence interval (equation E-2) using the differences of fourteen paired readings. To calculate the values in the second part of this section substitute d_i for x_i and d for x in equations E-1 and E-2 where d_i equals the difference of each paired reading and d equals the mean value of the fourteen paired differences. Third, report the sum of the absolute mean value of the differences of the fourteen paired readings and the 95 percent confidence interval of the differences of value calculated in the first part of the section. Divide this total by the mean reference value and report the result as a percentage. This percentage is the relative accuracy.

6.3.2 *Zero drift (24 hour).* From the zero values measured each 24 hours during the field test, calculate the differences between successive readings expressed in volumetric flow rate units. Calculate the mean value of these differences and the confidence interval of these differences using equations E-1 and E-2. Report the sum of the absolute value of the mean difference and the confidence interval as a percentage of the measurement system span. This percentage is the zero drift.

6.3.3 *Calibration drift (24 hour).* From the calibration values measured every 24 hours during the field test calculate the differences between: (1) The calibration reading after zero and calibration adjustment, and (2) the calibration reading 24 hours later after zero adjustment but before calibration adjustment. Calculate the mean value of these differences and the confidence interval using equations E-1 and E-2. Report the sum of the absolute value of the mean difference and confidence interval as a percentage of the measurement system span. This percentage is the calibration drift.

6.3.4 *Operation period.* Other than that clearly specified as required in the operation and maintenance manual, the measurement system shall not require any corrective maintenance, repair, replacement or adjustment during the 168-hour performance and operational test period. If the measurement system operates within the specified performance parameters and does not require corrective maintenance, repair, replacement or adjustment other than as specified above during the 168-hour test period, the operational period will be successfully concluded. Failure of the measurement to meet this requirement shall call for a repetition of the 168-hour test period. Portions of the test, except for the 168-hour field test period, which were satisfactorily completed need not be repeated. Failure to meet any performance specifications shall call for a repetition of the one-week performance test period and that portion of the testing which is related to the failed specification. All maintenance and adjustments required shall be recorded. Output readings shall be recorded before and after all adjustments.

6.3.5 *Orientation sensitivity.* In the event the conditions of paragraph 5.1.4 of this appendix are required, the following calculations shall be performed. Calculate the ratio of each measurement system reading divided by the reference pitot tube readings. Graph the ratio vs. angle of deflection on each side of center. Report the points at which the ratio differs by more than ±4 percent from unity (1.00).

[40 FR 5521, Feb. 6, 1975]

FINDING AIDS

A list of CFR titles, subtitles, chapters, subchapters and parts and an alphabetical list of agencies publishing in the CFR are included in the CFR Index and Finding Aids volume to the Code of Federal Regulations which is published separately and revised annually.

Material Approved for Incorporation by Reference
Table of CFR Titles and Chapters
Alphabetical List of Agencies Appearing in the CFR
List of CFR Sections Affected

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882

Material Approved for Incorporation by Reference

The Director of the Federal Register approves the following incorporations by reference effective July 1, 1982, unless otherwise noted (5 U.S.C. 552(a) and 1 CFR Part 51). For more information on incorporation by reference, see the preliminary pages of this volume.

40 CFR, CHAPTER I (PART 52): SUBCHAPTER C—AIR PROGRAMS ENVIRONMENTAL PROTECTION AGENCY

Environmental Protection Agency

Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711

	40 CFR
State Implementation Plans: Consisting of Original State Implementation Plans for the fifty States and the territories of Guam; Puerto Rico, Virgin Islands and American Samoa; Regulatory and Non-Regulatory Revisions to State Implementation Plans approved 1972–June 1979 (prepared by Atlantic Environmental Associates, Inc.); and Individual State Implementation Plan Revisions approved July 1979–June 1982, which are identified below by State and Date of publication of the **Federal Register** notice.	52.02(d)

Alabama: Nov. 26, 1979, June 3, Aug. 11, 1980, Oct. 31, 1980, Apr. 27, 1981, Aug. 24, 1981, Sept. 17, 1981, Oct. 29, 1981, Nov. 6, 1981, Nov. 10, 1981, Nov. 24, 1981, Dec. 15, 1981, Dec. 22, 1981, Dec. 30, 1981, Feb. 22, 1982

Alaska: Dec. 30, 1980, Apr. 15, 1981

Arizona: Dec. 17, 1979, Aug. 11, 1980, Oct. 10, 1980, Aug. 10, 1981, Sept. 14, 1981, Sept. 18, 1981, Apr. 16, 1982, May 5, 1982, June 30, 1982

Arkansas: Jan. 29, 1980, Aug. 15, 1980, Aug. 6, 1981, Aug. 27, 1981 (2 amendments), Oct. 13, 1981, Jan. 12, 1982, Jan. 14, 1982 (2 amendments), Apr. 16, 1982, May 3, 1982, May 4, 1982

California: July 30, 1979, Dec. 6, 1979, Apr. 24, 1980 (2 amendments), May 9, 1980, May 28, 1980 (2 amendments), June 3, 1980, June 4, 1980, Aug. 11, 1980 (2 amendments), Sept. 26, 1980, Oct. 24, 1980, Oct. 31, 1980, Nov. 10, 1980, Dec. 4, 1980, Jan. 16, 1981, Jan. 21, 1981, Jan. 27, 1981, Apr. 14, 1981, May 18, 1981 (2 amendments), Aug. 10, 1981, Aug. 21, 1981, Sept. 2, 1981, Sept. 28, 1981, Dec. 8, 1981, Jan. 22, 1982, Jan. 25, 1982, Jan. 26, 1982 (2 amendments), Mar. 10, 1982, Mar. 19, 1982, Mar. 29, 1982, Apr. 13, 1982, Apr. 4, 1982, Apr. 23, 1982, May 27, 1982, June 9, 1982, June 21, 1982, June 23, 1982, June 30, 1982

Colorado: Oct. 5, 1979, July 9, 1980, July 16, 1980, Aug. 1, 1980, Mar. 13, 1981, Mar. 19, 1981, Apr. 30, 1981, Nov. 30, 1981, Dec. 7, 1981, Jan. 29, 1982

Connecticut: July 30, 1979, Dec. 23, 1980, Apr. 27, 1981, May 14, 1981, Aug. 28, 1981, July 7, 1981, Oct. 23, 1981, Nov. 18, 1981, Aug. 28, 1981, Dec. 22, 1981, Jan. 7, 1982, Feb. 17, 1982, June 7, 1982

Delaware: July 30, 1979, Mar. 6, 1980, Aug. 1, 1980, May 15, 1981, Aug. 25, 1981, Sept. 28, 1981, Sept. 30, 1981, Oct. 30, 1981, Feb. 8, 1982

District of Columbia: Jan. 4, 1980, Mar. 3, 1980, Jan. 30, 1981, Aug. 3, 1981, Dec. 16, 1981

Florida: Feb. 29, 1980, Mar. 18, 1980, Sept. 10, 1980, Nov. 14, 1980, Dec. 16, 1980, Mar. 17, 1981, May 14, 1981, July 15, 1981, Aug. 25, 1981, Sept. 25, 1981, Oct. 28, 1981, Nov. 13, 1981, Nov. 24, 1981 (2 amendments), Dec. 15, 1981, Dec. 16, 1981, Dec. 22, 1981, Jan. 22, 1982, Apr. 12, 1982, Apr. 13, 1982, June 18, 1982 (2 amendments)

Georgia: Sept. 18, 1979, Jan. 3, 1980, Jan. 24, 1980, Mar. 20, 1981, May 5, 1981, May 22, 1981, Aug. 6, 1981, Aug. 14, 1981, Aug. 27, 1981, Nov.. 13, 1981, Nov. 15, 1981, Nov. 24, 1981, Feb. 10, 1981, Apr. 13, 1982

Hawaii: Aug. 7, 1979, Aug. 10, 1981, Jan. 22, 1982

Idaho: July 30, 1979, Oct. 23, 1980, Mar. 4, 1981

Illinois: Dec. 6, 1979, Jan. 3, 1980, Feb. 21, 1980, Sept. 22, 1980, Oct. 24, 1980, Jan. 27, 1981, Mar. 4, 1981, Sept. 3, 1981, Oct. 21, 1981, Nov. 16, 1981, Nov. 27, 1981, Mar. 22, 1982, Mar. 30, 1982, May 24, 1982, June 9, 1982, June 21, 1982

Indiana: Jan. 2, 1981, May 19, 1981, Aug. 6, 1981, Sept. 4, 1981, Nov. 5, 1981, Nov. 27, 1981, Feb. 3, 1982, Feb. 16, 1982, Mar. 12, 1982, May 13, 1982, June 22, 1982

Iowa: Mar. 6, 1980, Mar. 20, 1981, Apr. 17, 1981, Oct. 21, 1981, Dec. 8, 1981, Jan. 11, 1982, Mar. 5, 1982, Apr. 12, 1982 (2 amendments), May 25, 1982

Kansas: Apr. 3, 1981, Oct. 22, 1981, Dec. 15, 1981, Jan. 22, 1982, June 18, 1982

Kentucky: Jan. 25, 1980, Oct. 31, 1980, Dec. 24, 1980, June 15, 1981, Sept. 14, 1981, Aug. 7, 1981 (2 amendments), Oct. 29, 1981 (2 amendments), Nov. 16, 1981, Nov. 20, 1981, Nov. 24, 1981, Nov. 30, 1981 (2 amendments), Jan. 12, 1982, Mar. 8, 1982, Apr. 13, 1982, May 11, 1982, June 9, 1982

Louisiana: Feb. 14, 1980, Aug. 6, 1981, Oct. 29, 1981, Feb. 10, 1982, Feb. 16, 1982, Apr. 14, 1982, May 10, 1982, June 9, 1982

Maine: Jan. 30, 1980, Feb. 19, 1980, Sept. 9, 1980, Dec. 9, 1980, Jan. 5, 1981, Jan. 22, 1981, Aug. 25, 1981, Jan. 8, 1982, Feb. 17, 1982, Mar. 5, 1982

Maryland: Dec. 6, 1979, Mar. 18, 1980, Apr. 17, 1980, Apr. 25, 1980, July 3, 1980, Aug. 12, 1980, Aug. 19, 1980, Sept. 3, 1980, Sept. 4, 1980, Mar. 18, 1981, July 31, 1981, Aug. 18, 1981, Sept. 4, 1981, Sept. 8, 1981, Sept. 11, 1981 (3 amendments), Oct. 8, 1981, Oct. 9, 1981, Nov. 16, 1981, Dec. 16, 1981, Dec. 29, 1981, Apr. 8, 1982, May 10, 1982, June 18, 1982

Massachusetts: May 21, 1979, July 16, 1979, Jan. 10, 1980, May 28, 1980, June 17, 1980, Aug. 12, 1980, Sept. 10, 1980 (2 amendments), Sept. 16, 1980, Dec. 15, 1980, Jan. 19, 1981, Jan. 27, 1981, Mar. 4, 1981, Mar. 19, 1981, Aug. 11, 1981, Aug. 27, 1981, Sept. 3, 1981, Sept. 17, 1981, Sept. 28, 1981, Dec. 15, 1981 (2 amendments), Jan. 25, 1982, Feb. 10, 1982, Mar. 8, 1982, Mar. 29, 1982, Apr. 13, 1982, June 2, 1982, June 9, 1982

Michigan: May 6, 1980, June 2, 1980, Aug. 11, 1980, Aug. 25, 1980, Dec. 17, 1980, Dec. 29, 1980, Jan. 27, 1981, Mar. 4, 1981, Apr. 17, 1981, May 1, 1981, May 14, 1981, May 22, 1981, June 5, 1981, July 2, 1981, Aug. 28, 1981, Nov. 27, 1981, Dec. 3, 1981, Jan. 12, 1982, Jan. 27, 1982 (2 amendments), Feb. 10, 1982, Feb. 17, 1982, Feb. 22, 1982, Mar. 24, 1982, Apr. 13, 1982, May 19, 1982

Minnesota: Dec. 13, 1979, June 16, 1980, Mar. 4, 1981, Apr. 8, 1981, Nov. 27, 1981, Dec. 8, 1981, June 21, 1982

Mississippi: Jan. 10, 1980, July 10, 1980

Missouri: Mar. 18, 1980, Apr. 9, 1980, May 9, 1980, June 16, 1980, Oct. 31, 1980, Dec. 24, 1980, Mar. 16, 1981, Apr. 3, 1981, Apr. 27, 1981, May 22, 1981, June 12, 1981, Aug. 27, 1981, Sept. 10, 1981, Oct. 28, 1981, Nov. 4, 1981, Nov. 10, 1981, Nov. 13, 1981, Dec. 15, 1981, June 10, 1982, June 22, 1982

Montana: March 4, 1980, March 3, 1981

Nebraska: Oct. 6, 1981, Jan. 22, 1982, May 5, 1982

Nevada: Feb. 4, 1980, Feb. 6, 1980, July 10, 1980, Apr. 14, 1981, Aug. 10, 1981, Aug. 27, 1981, Sept. 14, 1981, Mar. 8, 1982, Apr. 13, 1982, June 18, 1982, June 21, 1982, June 23, 1982 (2 amendments), June 30, 1982

New Hampshire: Apr. 11, 1980, June 23, 1980, Sept. 9, 1980, Sept. 22, 1980, Dec. 18, 1980, July 15, 1981, Jan. 7, 1982, June 7, 1982

New Jersey: Mar. 11, 1980, Apr. 19, 1980, May 7, 1980, Oct. 31, 1980, Apr. 15, 1981, Apr. 27, 1981, May 12, 1981, Sept. 30, 1981, Nov. 3, 1981

New Mexico: Apr. 10, 1980, Dec. 24, 1980, Mar. 26, 1981, June 18, 1981, Aug. 6, 1981, Aug. 19, 1981, Aug. 27, 1981 (2 amendments), Mar. 30, 1982, Apr. 16, 1982, May 3, 1982, May 5, 1982 (2 amendments)

New York: Feb. 5, 1980, Mar. 6, 1980, Apr. 24, 1980, May 21, 1980, July 1, 1980, Nov. 10, 1980, Jan. 27, 1981 (2 amendments), Mar. 19, 1981 (2 amendments), Apr. 27, 1981, May 26, 1981, Sept. 9, 1981, Sept. 24, 1981, Nov. 12, 1981, Feb. 22, 1982, Mar. 5, 1982

North Carolina: Jan. 10, 1980, Apr. 17, 1980, Aug. 20, 1980, Sept. 10, 1980, Mar. 19, 1981, Apr. 13, 1981, Apr. 16, 1981, May 15, 1981, Aug. 27, 1981, Nov. 30, 1981, Feb. 23, 1982

North Dakota: Nov. 2, 1979, Aug. 12, 1980

Ohio: Oct. 31, 1980 (3 amendments), Nov. 28, 1980, Jan. 27, 1981, Mar. 4, 1981, Mar. 31, 1981, May 1, 1981, June 18, 1981, Aug. 11, 1981, Aug. 28, 1981, Nov. 20, 1981, Nov. 27, 1981, Dec. 29, 1981, Jan. 22, 1982 Mar. 8, 1982, Mar. 22, 1982, May 14, 1982, June 10, 1982, June 30, 1982

Oklahoma: Feb. 13, 1980, Nov. 28, 1980, May 26, 1981, Aug. 6, 1981, Apr. 13, 1982, Apr. 16, 1982, May 14, 1982

Oregon: July 30, 1979, Apr. 18, 1980, June 24, 1980, July 15, 1980, Jan. 2, 1981, Mar. 4, 1981, Aug. 27, 1981, Nov. 5, 1981, Nov. 6, 1981, Apr. 12, 1982 (4 amendments)

Pennsylvania. July 7, 1979, Aug. 8, 1979, Dec. 17, 1979, May 20, 1980, Aug. 19, 1980, Aug. 5, 1981, Aug. 18, 1981, Aug. 27, 1981, Aug. 28, 1981, Sept. 15, 1981, Sept. 17, 1981, Oct. 21, 1981, Oct. 22, 1981, Nov. 3, 1981, Dec. 16, 1981, Dec. 29, 1981, Feb. 26, 1982, Apr. 16, 1982, June 9, 1982

Rhode Island: Jan. 15, 1981, Jan. 21, 1981, May 7, 1981, Dec. 30, 1981, Apr. 26, 1982

South Carolina: Sept. 21, 1979, Jan. 29, 1980, July 7, 1980, July 7, 1981, July 17, 1981, Aug. 7, 1981, Nov. 6, 1981, Nov. 13, 1981, Nov. 24, 1981, Nov. 30, 1981, Dec. 16, 1981, Feb. 10, 1981

South Dakota: July 30, 1979, Aug. 9, 1979, Sept. 4, 1980, Nov. 3, 1981

Tennessee: Jan. 10, 1980, Feb. 6, 1980, Apr. 24, 1980, Aug. 13, 1980, Nov. 17, 1980, Sept. 2, 1981, Nov. 16, 1981, Nov. 24, 1981, Nov. 30, 1981, Dec. 15, 1981, Dec. 16, 1981, May 12, 1982, June 9, 1982

Texas: Sept. 24, 1979, Dec. 18, 1979, Mar. 25, 1980, Aug. 6, 1980, July 10, 1981, Aug. 28, 1981, Sept. 29, 1981, Nov. 13, 1981, Dec. 15, 1981, Jan. 27, 1982, Mar. 29, 1982, May 19, 1982

Utah: Feb. 19, 1980, Sept. 10, 1980, May 5, 1981, Feb. 12, 1982, May 28, 1982

Vermont: Jan. 30, 1980, Feb. 19, 1980, Sept. 9, 1980, Mar. 16, 1981, Mar. 18, 1981, Jan. 7, 1982, Feb. 10, 1982, Apr. 16, 1982

Virginia: Dec. 17, 1979, Jan. 31, 1980, Aug. 19, 1980, Oct. 8, 1980 (2 amendments), Dec. 5, 1980, Mar. 18, 1981, Apr. 20, 1981, Aug. 6, 1981, Aug. 17, 1981, Aug. 18, 1981, Aug. 27, 1981, Sept. 3, 1981, Oct. 6, 1981, Nov. 6, 1981 (2 amendments), Nov. 23, 1981, Jan. 13, 1982, Feb. 24, 1982, Mar. 1, 1982, Mar. 8, 1982, Apr. 6, 1982, May 3, 1982, May 4, 1982

Washington: July 30, 1979, June 5, 1980, July 31, 1980, Dec. 24, 1980, Apr. 15, 1981, Aug. 14, 1981, Sept. 14, 1981, Feb. 23, 1982, Mar. 22, 1982, Apr. 14, 1982

West Virginia: Aug. 14, 1980, Nov. 10, 1980, Aug. 27, 1981, Oct. 29, 1981, Nov. 20, 1981, Mar. 16, 1982

Wisconsin: Jan. 11, 1980, Apr. 9, 1981, Apr. 17, 1981, May 6, 1981, June 9, 1981, Aug. 14, 1981, Aug. 20, 1981, Oct. 21, 1981, Nov. 27, 1981, Apr. 13, 1982, May 17, 1982, June 21, 1982

Wyoming: July 2, 1979, Sept. 6, 1979, Apr. 27, 1981, Feb. 9, 1982

Guam: Mar. 6, 1980, May 12, 1981

Puerto Rico: Nov. 3, 1980, Apr. 27, 1981

Virgin Islands: May 2, 1980, Apr. 27, 1981, Sept. 3, 1981

American Samoa: (none)

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Table of CFR Titles and Chapters

(As of June 18, 1982)

Title 1—General Provisions

Chap.	
I	Administrative Committee of the Federal Register (Parts 1-49)
II	Office of the Federal Register (Parts 50-299)
III	Administrative Conference of the United States (Parts 300-399)
IV	Miscellaneous Agencies (Parts 400-499)

Title 2—[Reserved]

Title 3—The President

	Proclamations
	Executive Orders
	Presidential Documents Other Than Proclamations and Executive Orders
I	Executive Office of the President (Parts 100-199)

Title 4—Accounts

I	General Accounting Office (Parts 1-99)
II	Federal Claims Collection Standards (General Accounting Office—Department of Justice) (Parts 100-299)
III	General Accounting Office (CASB) (Parts 300-499)

Title 5—Administrative Personnel

I	Office of Personnel Management (Parts 1-1199)
II	Merit Systems Protection Board (Parts 1200-1299)
III	Office of Management and Budget (Parts 1300-1399)
IV	Advisory Committee on Federal Pay (Parts 1400-1499)
V	The International Organizations Employees Loyalty Board (Parts 1500-1599)
VII	Advisory Commission on Intergovernmental Relations (Parts 1700-1799)
IX	Appalachian Regional Commission (Parts 1900-1999)
XI	United States Soldiers' and Airmen's Home (Parts 2100-2199)
XIV	Federal Labor Relations Authority and Federal Service Impasses Panel (Parts 2400-2499)

Title 5—Administrative Personnel—Continued

Chap.	
XV	Office of Administration, Executive Office of the President (Parts 2500-2599)

Title 6—[Reserved]

Title 7—Agriculture

	SUBTITLE A—Office of the Secretary of Agriculture (Parts 0-25a)
	SUBTITLE B—Regulations of the Department of Agriculture
I	Agricultural Marketing Service (Standards, Inspections, Marketing Practices), Department of Agriculture (Parts 26-209)
II	Food and Nutrition Service, Department of Agriculture (Parts 210-299)
III	Animal and Plant Health Inspection Service, Department of Agriculture (Parts 300-399)
IV	Federal Crop Insurance Corporation, Department of Agriculture (Parts 400-499)
V	Agricultural Research Service, Department of Agriculture (Parts 500-599)
VI	Soil Conservation Service, Department of Agriculture (Parts 600-699)
VII	Agricultural Stabilization and Conservation Service (Agricultural Adjustment), Department of Agriculture (Parts 700-799)
VIII	Federal Grain Inspection Service, Department of Agriculture (Parts 800-899)
IX	Agricultural Marketing Service (Marketing Agreements and Orders; Fruits, Vegetables, Nuts), Department of Agriculture (Parts 900-999)
X	Agricultural Marketing Service (Marketing Agreements and Orders; Milk), Department of Agriculture (Parts 1000-1199)
XI	Agricultural Marketing Service (Marketing Agreements and Orders; Miscellaneous Commodities), Department of Agriculture (Parts 1200-1299)
XII	Statistical Reporting Service (Agricultural Statistics), Department of Agriculture (Parts 1300-1399) [Reserved]
XIV	Commodity Credit Corporation, Department of Agriculture (Parts 1400-1499)
XV	Foreign Agricultural Service, Department of Agriculture (Parts 1500-1599)
XVI	Rural Telephone Bank, Department of Agriculture (Parts 1600-1699)
XVII	Rural Electrification Administration, Department of Agriculture (Parts 1700-1799)
XVIII	Farmers Home Administration, Department of Agriculture (Parts 1800-2099)
XXI	Foreign Economic Development Service, Department of Agriculture (Parts 2100-2199)
XXIV	Board of Contract Appeals, Department of Agriculture (Parts 2400-2499)

Title 7—Agriculture—Continued

Chap.	
XXV	Office of the General Sales Manager, Department of Agriculture (Parts 2500-2599)
XXVI	Office of the Inspector General, Department of Agriculture (Parts 2600-2699)
XXIX	Office of Energy, Department of Agriculture (Parts 2900-2999)
XXX	Office of Operations and Finance, Department of Agriculture (Parts 3000-3099)
XXXI	Office of Environmental Quality, Department of Agriculture (Parts 3100-3199)

Title 8—Aliens and Nationality

I	Immigration and Naturalization Service, Department of Justice (Parts 1-499)

Title 9—Animals and Animal Products

I	Animal and Plant Health Inspection Service, Department of Agriculture (Parts 1-199)
II	Packers and Stockyards Administration, Department of Agriculture (Parts 200-299)
III	Food Safety and Inspection Service, Meat and Poultry Inspection, Department of Agriculture (Parts 300-399)

Title 10—Energy

I	Nuclear Regulatory Commission (Parts 0-199)
II	Department of Energy (Parts 200-699)
III	Department of Energy (Parts 700-999)
X	Department of Energy (General Provisions) (Parts 1000-1099)
XV	Office of the Federal Inspector for the Alaska Natural Gas Transportation System (Parts 1500-1599)

Title 11—Federal Elections

I	Federal Election Commission (Parts 1-9099)

Title 12—Banks and Banking

I	Comptroller of the Currency, Department of the Treasury (Parts 1-199)
II	Federal Reserve System (Parts 200-299)
III	Federal Deposit Insurance Corporation (Parts 300-399)
IV	Export-Import Bank of the United States (Parts 400-499)
V	Federal Home Loan Bank Board (Parts 500-599)
VI	Farm Credit Administration (Parts 600-699)
VII	National Credit Union Administration (Parts 700-799)
VIII	Federal Financing Bank (Parts 800-899)
XI	Federal Financial Institutions Examination Council (Parts 1100-1199)

Title 12—Banks and Banking—Continued

Chap.	
XII	Depository Institutions Deregulation Committee (Parts 1200-1299)

Title 13—Business Credit and Assistance

Chap.	
I	Small Business Administration (Parts 1-199)
III	Economic Development Administration, Department of Commerce (Parts 300-399)
IV	Chrysler Corporation Loan Guarantee Board (Parts 400-499)
V	Regional Action Planning Commissions (Parts 500-599)

Title 14—Aeronautics and Space

Chap.	
I	Federal Aviation Administration, Department of Transportation (Parts 1-199)
II	Civil Aeronautics Board (Parts 200-399)
V	National Aeronautics and Space Administration (Parts 1200-1299)

Title 15—Commerce and Foreign Trade

Chap.	
	SUBTITLE A—Office of the Secretary of Commerce (Parts 0-19)
	SUBTITLE B—Regulations Relating to Commerce and Foreign Trade
I	Bureau of the Census, Department of Commerce (Parts 20-199)
II	National Bureau of Standards, Department of Commerce (Parts 200-299)
III	International Trade Administration, Department of Commerce (Parts 300-399)
IV	Foreign-Trade Zones Board (Parts 400-499)
V	United States Metric Board (Parts 500-599)
VI	Bureau of Industrial Economics, Department of Commerce (Parts 600-699)
VIII	Bureau of Economic Analysis, Department of Commerce (Parts 800-899)
IX	National Oceanic and Atmospheric Administration, Department of Commerce (Parts 900-999)
XII	United States Travel Service, Department of Commerce (Parts 1200-1299)
XIII	East-West Foreign Trade Board (Parts 1300-1999)
	SUBTITLE C—Regulations Relating to Foreign Trade Agreements
XX	Office of the United States Trade Representative (Parts 2000-2099)
	SUBTITLE D—Regulations Relating to Telecommunications and Information
XXIII	National Telecommunications and Information Administration, Department of Commerce (Parts 2300-2399)

Title 16—Commercial Practices

Chap.

I Federal Trade Commission (Parts 0-999)

II Consumer Product Safety Commission (Parts 1000-1799)

Title 17—Commodity and Securities Exchanges

I Commodity Futures Trading Commission (Parts 1-199)

II Securities and Exchange Commission (Parts 200-399)

Title 18—Conservation of Power and Water Resources

I Federal Energy Regulatory Commission, Department of Energy (Parts 1-399)

III Delaware River Basin Commission (Parts 400-499)

IV Office of Water Resources Research, Department of the Interior (Parts 500-599)

VI Water Resources Council (Parts 700-799)

VIII Susquehanna River Basin Commission (Parts 800-899)

XIII Tennessee Valley Authority (Parts 1300-1399)

Title 19—Customs Duties

I United States Customs Service, Department of the Treasury (Parts 1-199)

II United States International Trade Commission (Parts 200-299)

III International Trade Administration, Department of Commerce (Parts 300-399)

Title 20—Employees' Benefits

I Office of Workers' Compensation Programs, Department of Labor (Parts 1-199)

II Railroad Retirement Board (Parts 200-399)

III Social Security Administration, Department of Health and Human Services (Parts 400-499)

IV Employees' Compensation Appeals Board, Department of Labor (Parts 500-599)

V Employment and Training Administration, Department of Labor (Parts 600-699)

VI Employment Standards Administration, Department of Labor (Parts 700-799)

VII Benefits Review Board, Department of Labor (Parts 800-899)

VIII Joint Board for the Enrollment of Actuaries (Parts 900-999)

Title 21—Food and Drugs

I Food and Drug Administration, Department of Health and Human Services (Parts 1-1299)

II Drug Enforcement Administration, Department of Justice (Parts 1300-1399)

Title 22—Foreign Relations

Chap.	
I	Department of State (Parts 1-199)
II	Agency for International Development, International Development Cooperation Agency (Parts 200-299)
III	Peace Corps (Parts 300-399)
IV	International Joint Commission, United States and Canada (Parts 400-499)
V	International Communication Agency (Parts 500-599)
VI	United States Arms Control and Disarmament Agency (Parts 600-699)
VII	Overseas Private Investment Corporation (Parts 700-799)
VIII	Employee-Management Relations Commission (Parts 800-899)
IX	Foreign Service Grievance Board (Parts 900-999)
X	Inter-American Foundation (Parts 1000-1099)
XI	International Boundary and Water Commission, United States and Mexico, United States Section (Parts 1100-1199)
XII	United States International Development Cooperation Agency (Parts 1200-1299)
XIII	Board for International Broadcasting (Parts 1300-1399)
XIV	Foreign Service Labor Relations Board; Federal Labor Relations Authority; General Counsel of the Federal Labor Relations Authority; and the Foreign Service Impasse Disputes Panel (Parts 1400-1499)

Title 23—Highways

I	Federal Highway Administration, Department of Transportation (Parts 1-999)
II	National Highway Traffic Safety Administration and Federal Highway Administration, Department of Transportation (Parts 1200-1299)

Title 24—Housing and Urban Development

	SUBTITLE A—Office of the Secretary, Department of Housing and Urban Development (Parts 0-99)
	SUBTITLE B—Regulations Relating to Housing and Urban Development
I	Office of Assistant Secretary for Equal Opportunity, Department of Housing and Urban Development (Parts 100-199)
II	Office of Assistant Secretary for Housing—Federal Housing Commissioner, Department of Housing and Urban Development (Parts 200-299)
III	Government National Mortgage Association, Department of Housing and Urban Development (Parts 300-399)
IV	Office of Assistant Secretary for Housing Management, Department of Housing and Urban Development (Parts 400-499)
V	Office of Assistant Secretary for Community Planning and Development, Department of Housing and Urban Development (Parts 500-599)

Title 24—Housing and Urban Development—Continued

Chap.	
VI	Office of Assistant Secretary for Community Planning and Development, Department of Housing and Urban Development (Parts 600-699)
VII	New Community Development Corporation, Department of Housing and Urban Development (Parts 700-799)
VIII	Low-Income Housing, Department of Housing and Urban Development (Parts 800-899)
IX	Office of Assistant Secretary for Housing—Federal Housing Commissioner, Department of Housing and Urban Development (Parts 1700-1799)
X	Solar Energy and Energy Conservation Bank, Department of Housing and Urban Development (Parts 1800-1899)
XV	Mortgage Insurance and Loan Programs Under the Emergency Homeowners' Relief Act, Department of Housing and Urban Development (Parts 2700-2799)
XX	Office of Assistant Secretary for Housing—Federal Housing Commissioner, Department of Housing and Urban Development (Parts 3200-3699)
XXV	Neighborhood Reinvestment Corporation (Parts 4100-4199)

Title 25—Indians

I	Bureau of Indian Affairs, Department of the Interior (Parts 1-299)
II	Indian Arts and Crafts Board, Department of the Interior (Parts 300-399)
IV	Navajo and Hopi Indian Relocation Commission (Parts 700-799)

Title 26—Internal Revenue

I	Internal Revenue Service, Department of the Treasury (Parts 1-699)

Title 27—Alcohol, Tobacco Products and Firearms

I	Bureau of Alcohol, Tobacco and Firearms, Department of the Treasury (Parts 1-299)

Title 28—Judicial Administration

I	Department of Justice (Parts 0-199)
III	Federal Prison Industries, Department of Justice (Parts 300-399)
V	Bureau of Prisons, Department of Justice (Parts 500-599)

Title 29—Labor

	SUBTITLE A—Office of the Secretary of Labor (Parts 0-99)
	SUBTITLE B—Regulations Relating to Labor
I	National Labor Relations Board (Parts 100-199)

Title 29—Labor—Continued

Chap.	
II	Office of the Assistant Secretary for Labor-Management Relations, Department of Labor (Parts 200-299)
III	National Railroad Adjustment Board (Parts 300-399)
IV	Office of Labor-Management Standards Enforcement, Department of Labor (Parts 400-499)
V	Wage and Hour Division, Department of Labor (Parts 500-899)
IX	Construction Industry Collective Bargaining Commission (Parts 900-999)
X	National Mediation Board (Parts 1200-1299)
XII	Federal Mediation and Conciliation Service (Parts 1400-1499)
XIV	Equal Employment Opportunity Commission (Parts 1600-1699)
XVII	Occupational Safety and Health Administration, Department of Labor (Parts 1900-1999)
XX	Occupational Safety and Health Review Commission (Parts 2200-2499)
XXV	Pension and Welfare Benefit Programs, Department of Labor (Parts 2500-2599)
XXVI	Pension Benefit Guaranty Corporation (Parts 2600-2699)
XXVII	Federal Mine Safety and Health Review Commission (Parts 2700-2799)

Title 30—Mineral Resources

I	Mine Safety and Health Administration, Department of Labor (Parts 1-199)
II	Geological Survey, Department of the Interior (Parts 200-299)
III	Board of Surface Mining and Reclamation Appeals, Department of the Interior (Parts 300-399)
VI	Bureau of Mines, Department of the Interior (Parts 600-699)
VII	Office of Surface Mining Reclamation and Enforcement, Department of the Interior (Parts 700-999)

Title 31—Money and Finance: Treasury

	SUBTITLE A—Office of the Secretary of the Treasury (Parts 0-50)
	SUBTITLE B—Regulations Relating to Money and Finance
I	Monetary Offices, Department of the Treasury (Parts 51-199)
II	Fiscal Service, Department of the Treasury (Parts 200-399)
IV	Secret Service, Department of the Treasury (Parts 400-499)
V	Office of Foreign Assets Control, Department of the Treasury (Parts 500-599)
VI	Bureau of Engraving and Printing, Department of the Treasury (Parts 600-699)
VII	Federal Law Enforcement Training Center, Department of the Treasury (Parts 700-799)

Title 32—National Defense

Chap.	
	SUBTITLE A—Department of Defense
I	Office of the Secretary of Defense (Parts 1-499)
V	Department of the Army (Parts 500-699)
VI	Department of the Navy (Parts 700-799)
VII	Department of the Air Force (Parts 800-1099)
	SUBTITLE B—Other Regulations Relating to National Defense
XII	Defense Logistics Agency (Parts 1200-1299)
XVI	Selective Service System (Parts 1600-1699)
XIX	Central Intelligence Agency (Parts 1900-1999)
XX	Information Security Oversight Office (Parts 2000-2099)
XXI	National Security Council (Parts 2100-2199)
XXIV	Office of Science and Technology Policy (Parts 2400-2499)
XXVII	Office for Micronesian Status Negotiations (Parts 2700-2799)
XXVIII	Office of the Vice President of the United States (Parts 2800-2899)

Title 33—Navigation and Navigable Waters

I	Coast Guard, Department of Transportation (Parts 1-199)
II	Corps of Engineers, Department of the Army (Parts 200-399)
IV	Saint Lawrence Seaway Development Corporation, Department of Transportation (Parts 400-499)

Title 34—Education

	SUBTITLE A—Office of the Secretary, Department of Education (Parts 1-99)
	SUBTITLE B—Regulations of the Offices of the Department of Education
I	Office for Civil Rights, Department of Education (Parts 100-199)
II	Office of Elementary and Secondary Education, Department of Education (Parts 200-299)
III	Office of Special Education and Rehabilitative Services, Department of Education (Parts 300-399)
IV	Office of Vocational and Adult Education, Department of Education (Parts 400-499)
V	Office of Bilingual Education and Minority Languages Affairs, Department of Education (Parts 500-599)
VI	Office of Postsecondary Education, Department of Education (Parts 600-699)
VII	Office of Educational Research and Improvement, Department of Education (Parts 700-799)
VIII	Office of Education for Overseas Dependents, Department of Education (Parts 800-899) [Reserved]

Title 35—Panama Canal

Chap.	
I	Panama Canal Regulations (Parts 1-299)

Title 36—Parks, Forests, and Public Property

I	National Park Service, Department of the Interior (Parts 1-199)
II	Forest Service, Department of Agriculture (Parts 200-299)
III	Corps of Engineers, Department of the Army (Parts 300-399)
IV	American Battle Monuments Commission (Parts 400-499)
V	Smithsonian Institution (Parts 500-599)
VII	Library of Congress (Parts 700-799)
VIII	Advisory Council on Historic Preservation (Parts 800-899)
IX	Pennsylvania Avenue Development Corporation (Parts 900-999)
X	Commission of Fine Arts (Parts 1000-1099)
XI	Architectural and Transportation Barriers Compliance Board (Parts 1100-1199)

Title 37—Patents, Trademarks, and Copyrights

I	Patent and Trademark Office, Department of Commerce (Parts 1-199)
II	Copyright Office, Library of Congress (Parts 200-299)
III	Copyright Royalty Tribunal (Parts 300-399)

Title 38—Pensions, Bonuses, and Veterans' Relief

I	Veterans Administration (Parts 0-99)

Title 39—Postal Service

I	United States Postal Service (Parts 1-999)
III	Postal Rate Commission (Parts 3000-3099)

Title 40—Protection of Environment

I	Environmental Protection Agency (Parts 1-799)
V	Council on Environmental Quality (Parts 1500-1599)

Title 41—Public Contracts and Property Management

	SUBTITLE A—Federal Procurement Regulations System
1	Federal Procurement Regulations (Parts 1-1—1-99)
3	Department of Health and Human Services (Parts 3-1—3-99)
4	Department of Agriculture (Parts 4-1—4-99)
5	General Services Administration (Part 5-1—5-99)
5A	Office of Acquisition Policy, General Services Administration (Parts 5A-1—5A-99)
5B	Office of Acquisition Policy, General Services Administration (Parts 5B-1—5B-99)
6	Department of State (Parts 6-1—6-99)

Title 41—Public Contracts and Property Management—Continued

Chap.	
7	Agency for International Development, International Development Cooperation Agency (Parts 7-1—7-99)
8	Veterans Administration (Parts 8-1—8-99)
9	Department of Energy (Parts 9-1—9-99)
10	Department of the Treasury (Parts 10-1—10-99)
12	Department of Transportation (Parts 12-1—12-99)
13	Department of Commerce (Parts 13-1—13-99)
14	Department of the Interior (Parts 14-1—14-99)
14H	Bureau of Indian Affairs, Department of the Interior (Parts 14H-1—14H-99)
14R	Office of Water Research and Technology, Department of the Interior (Parts 14R-1—14R-99)
15	Environmental Protection Agency (Parts 15-1—15-99)
16	Office of Personnel Management (Parts 16-1—16-26)
18	National Aeronautics and Space Administration (Parts 18-1—18-99)
19	International Communication Agency (Parts 19-1—19-99)
20	Nuclear Regulatory Commission (Parts 20-1—20-99)
22	Community Services Administration (Parts 22-1—22-99)
23	United States Arms Control and Disarmament Agency (Parts 23-1—23-99)
24	Department of Housing and Urban Development (Parts 24-1—24-99)
25	National Science Foundation (Parts 25-1—25-99)
28	Department of Justice (Parts 28-1—28-99)
29	Department of Labor (Parts 29-1—29-99)
34	Department of Education (Parts 34-1—34-99)
44	Federal Emergency Management Agency (Parts 44-1—44-99)
	SUBTITLE B—Other Provisions Relating to Public Contracts
50	Public Contracts, Department of Labor (Parts 50-1—50-999)
51	Committee for Purchase from the Blind and Other Severely Handicapped (Parts 51-1—51-99)
60	Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (Parts 60-1—60-99)
	SUBTITLE C—Federal Property Management Regulations System
101	Federal Property Management Regulations (Parts 101-1—101-99)
105	General Services Administration (Parts 105-1—105-999)
109	Department of Energy, Property Management Regulations (Parts 109-1—109-99)
114	Department of the Interior (Parts 114-1—114-99)
115	Environmental Protection Agency (Parts 115-1—115-99)
128	Department of Justice (Parts 128-1—128-99)
	SUBTITLE D—Other Provisions Relating to Property Management [Reserved]

Title 42—Public Health

Chap.	
I	Public Health Service, Department of Health and Human Services (Parts 1-199)
III	Saint Elizabeths Hospital, Department of Health and Human Services (Parts 300-399)
IV	Health Care Financing Administration, Department of Health and Human Services (Parts 400-499)

Title 43—Public Lands: Interior

	SUBTITLE A—Office of the Secretary of the Interior (Parts 1-199)
	SUBTITLE B—Regulations Relating to Public Lands
I	Bureau of Reclamation, Department of the Interior (Parts 200-499)
II	Bureau of Land Management, Department of the Interior (Parts 1000-9999)

Title 44—Emergency Management and Assistance

I	Federal Emergency Management Agency (Parts 0-399)
IV	Department of Commerce and Department of Transportation (Parts 400-499)

Title 45—Public Welfare

	SUBTITLE A—Department of Health and Human Services, General Administration (Parts 1-199)
	SUBTITLE B—Regulations Relating to Public Welfare
II	Office of Family Assistance (Assistance Programs), Department of Health and Human Services (Parts 200-299)
III	Office of Child Support Enforcement (Child Support Enforcement Program), Department of Health and Human Services (Parts 300-399)
IV	Office of Refugee Resettlement, Social Security Administration, Department of Health and Human Services (Parts 400-499)
V	Foreign Claims Settlement Commission of the United States, Department of Justice (Parts 500-599)
VI	National Science Foundation (Parts 600-699)
VII	Commission on Civil Rights (Parts 700-799)
VIII	Office of Personnel Management (Parts 800-899)
X	Community Services Administration (Parts 1000-1099)
XI	National Foundation on the Arts and the Humanities (Parts 1100-1199)
XII	ACTION (Parts 1200-1299)
XIII	Office of Human Development Services, Department of Health and Human Services (Parts 1300-1399)
XVI	Legal Services Corporation (Parts 1600-1699)
XVII	National Commission on Libraries and Information Science (Parts 1700-1799)

Title 45—Public Welfare—Continued

Chap.	
XVIII	Harry S Truman Scholarship Foundation (Parts 1800-1899)
XIX	National Commission on the Observance of International Women's Year (Parts 1900-1999)
XXI	Commission of Fine Arts (Parts 2100-2199)

Title 46—Shipping

I	Coast Guard, Department of Transportation (Parts 1-199)
II	Maritime Administration, Department of Transportation (Parts 200-399)
III	Coast Guard (Great Lakes Pilotage), Department of Transportation (Parts 400-499)
IV	Federal Maritime Commission (Parts 500-599)

Title 47—Telecommunication

I	Federal Communications Commission (Parts 0-199)
II	Office of Science and Technology Policy and National Security Council (Parts 200-299)

Title 48—[Reserved]

Title 49—Transportation

	SUBTITLE A—Office of the Secretary of Transportation (Parts 1-99)
	SUBTITLE B—Other Regulations Relating to Transportation
I	Research and Special Programs Administration, Department of Transportation (Parts 100-199)
II	Federal Railroad Administration, Department of Transportation (Parts 200-299)
III	Federal Highway Administration, Department of Transportation (Parts 300-399)
IV	Coast Guard, Department of Transportation (Parts 400-499)
V	National Highway Traffic Safety Administration, Department of Transportation (Parts 500-599)
VI	Urban Mass Transportation Administration, Department of Transportation (Parts 600-699)
VII	National Railroad Passenger Corporation (AMTRAK) (Parts 700-799)
VIII	National Transportation Safety Board (Parts 800-899)
IX	United States Railway Association (Parts 900-999)
X	Interstate Commerce Commission (Parts 1000-1399)

Title 50—Wildlife and Fisheries

Chap.	
I	United States Fish and Wildlife Service, Department of the Interior (Parts 1-199)
II	National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce (Parts 200-299)
III	International Regulatory Agencies (Fishing and Whaling) (Parts 300-399)
IV	Joint Regulations (United States Fish and Wildlife Service, Department of the Interior and National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce); Endangered Species Committee Regulations (Parts 400-499)
V	Marine Mammal Commission (Parts 500-599)
VI	Fishery Conservation and Management, National Oceanic and Atmospheric Administration, Department of Commerce (Parts 600-699)

CFR Index and Finding Aids

Subject/Agency Index

List of CFR Titles, Chapters, Subchapters, and Parts

Parallel Tables of Statutory Authorities and Rules

Acts Requiring Publication in the Federal Register

Alphabetical List of Agencies Appearing in the CFR

(As of June 18, 1982)

Agency	CFR Title, Subtitle or Chapter
ACTION	45, XII
Acquisition Policy, Office of	41, 5A, 5B
Administrative Committee of the Federal Register	1, I
Administrative Conference of the United States	1, III
Advisory Commission on Intergovernmental Relations	5, VII
Advisory Committee on Federal Pay	5, IV
Advisory Council on Historic Preservation	36, VIII
Agency for International Development	22, II; 41, 7
Agricultural Marketing Service	7, I, IX, X, XI
Agricultural Research Service	7, V
Agricultural Stabilization and Conservation Service	7, VII
Agriculture Department	
Agricultural Marketing Service	7, I, IX, X, XI
Agricultural Research Service	7, V
Agricultural Stabilization and Conservation Service	7, VII
Animal and Plant Health Inspection Service	7, III; 9, I, III
Commodity Credit Corporation	7, XIV
Contract Appeals, Board of	7, XXIV
Energy, Office of	7, XXIX
Environmental Quality, Office of	7, XXXI
Farmers Home Administration	7, XVIII
Federal Crop Insurance Corporation	7, IV
Federal Grain Inspection Service	7, VIII
Federal Procurement Regulations System	41, 4
Food and Nutrition Service	7, II
Food Safety and Inspection Service	9, III
Foreign Agricultural Service	7, XV
Foreign Economic Development Service	7, XXI
Forest Service	36, II
General Sales Manager, Office of	7, XXV
Inspector General, Office of	7, XXVI
Operations and Finance, Office of	7, XXX
Packers and Stockyards Administration	9, II
Rural Electrification Administration	7, XVII
Rural Telephone Bank	7, XVI
Secretary of Agriculture, Office of	7, Subtitle A
Soil Conservation Service	7, VI
Air Force Department	32, VII
Alaska Natural Gas Transportation System, Office of the Federal Inspector	10, XV
Alcohol, Tobacco and Firearms, Bureau of	27, I
AMTRAK	49, VII
American Battle Monuments Commission	36, IV
Animal and Plant Health Inspection Service	7, III; 9, I
Appalachian Regional Commission	5, IX
Architectural and Transportation Barriers Compliance Board	36, XI
Arms Control and Disarmament Agency, U.S.	22, VI; 41, 23
Army Department	32, V
Engineers, Corps of	33, II; 36, III
Benefits Review Board	20, VII

Agency	CFR Title, Subtitle or Chapter
Bilingual Education and Minority Languages Affairs, Office of	34, V
Blind and Other Severely Handicapped, Committee for Purchase from	41, 51
Board for International Broadcasting	22, XIII
Budget, Office of Management and	5, III
Census Bureau	15, I
Central Intelligence Agency	32, XIX
Child Support Enforcement, Office of	45, III
Chrysler Corporation Loan Guarantee Board	13, IV
Civil Aeronautics Board	14, II
Civil Rights Commission	45, VII
Civil Rights, Office for (Education Department)	34, I
Claims Collection Standards, Federal	4, II
Coast Guard	33, I; 46, I, III; 49, IV
Commerce Department	
Census Bureau	15, I
Economic Analysis, Bureau of	15, VIII
Economic Development Administration	13, III
Endangered Species Committee	50, IV
Federal Procurement Regulations System	41, 13
Fishery Conservation and Management	50, VI
Industrial Economics, Bureau of	15, VI
International Trade Administration	15, III; 19, III
National Bureau of Standards	15, II
National Defense	44, IV
National Marine Fisheries Service	50, II, IV
National Oceanic and Atmospheric Administration	15, IX; 50, II, IV
National Telecommunications and Information Administration	15, XXIII
Patent and Trademark Office	37, I
Secretary of Commerce, Office of	15, Subtitle A
United States Travel Service	15, XII
Commission on the Review of the National Policy Toward Gambling	1, IV
Committee for Purchase from Blind and Other Severely Handicapped	41, 51
Commodity Credit Corporation	7, XIV
Commodity Futures Trading Commission	17, I
Community Planning and Development, Office of Assistant Secretary for	24, V, VI
Community Services Administration	41, 22; 45, X
Comptroller of the Currency	12, I
Construction Industry Collective Bargaining Commission	29, IX
Consumer Product Safety Commission	16, II
Contract Appeals, Board of	7, XXIV
Copyright Office	37, II
Copyright Royalty Tribunal	37, III
Council on Environmental Quality	40, V
Customs Service, United States	19, I
Defense Department	32, Subtitle A
Air Force Department	32, VII
Army Department	32, V; 33, II; 36, III
Defense Civil Preparedness Agency	32, XVIII
Engineers, Corps of	33, II; 36, III
Navy Department	32, VI
Secretary of Defense, Office of	32, I
Defense Logistics Agency	32, XII
Defense Manpower Commission	1, IV
Delaware River Basin Commission	18, III
Depository Institutions Deregulation Committee	12, XII
Drug Enforcement Administration	21, II
East-West Foreign Trade Board	15, XIII
Economic Analysis, Bureau of	15, VIII
Economic Development Administration	13, III
Education, Department of	

Agency	CFR Title, Subtitle or Chapter
Bilingual Education and Minority Languages Affairs, Office of	34, V
Civil Rights, Office for	34, I
Education for Overseas Dependents, Office of	34, VIII
Educational Research and Improvement, Office of	34, VII
Elementary and Secondary Education, Office of	34, II
Federal Procurement Regulations System	41, 34
Postsecondary Education, Office of	34, VI
Secretary of Education, Office of	34, Subtitle A
Special Education and Rehabilitative Services, Office of	34, III
Vocational and Adult Education, Office of	34, IV
Education for Overseas Dependents, Office of	34, VIII
Educational Research and Improvement, Office of	34, VII
Elementary and Secondary Education, Office of	34, II
Employee Benefits Security, Office of	29, XXV
Employee-Management Relations Commission	22, VIII
Employees' Compensation Appeals Board	20, IV
Employees Loyalty Board, International Organizations	5, V
Employment and Training Administration	20, V
Employment Standards Administration	20, VI
Endangered Species Committee	50, IV
Energy, Department of	10, II, III, X; 41, 109
Federal Energy Regulatory Commission	18, I
Federal Procurement Regulations System	41, 9
Energy, Office of, Department of Agriculture	7, XXIX
Engineers, Corps of	33, II; 36, III
Engraving and Printing, Bureau of	31, VI
Environmental Protection Agency	40, I; 41, 15, 115
Environmental Quality, Office of (Agriculture Department)	7, XXXI
Equal Employment Opportunity	41, 60
Equal Employment Opportunity Commission	29, XIV
Equal Opportunity, Office of Assistant Secretary for	24, I
Executive Office of the President	3, I
Administration, Office of	5, XV
Export-Import Bank of the United States	12, IV
Family Assistance, Office of	45, II
Farm Credit Administration	12, VI
Farmers Home Administration	7, XVIII
Federal Aviation Administration	14, I
Federal Claims Collection Standards	4, II
Federal Communications Commission	47, I
Federal Contract Compliance, Office of	41, 60
Federal Crop Insurance Corporation	7, IV
Federal Deposit Insurance Corporation	12, III
Federal Election Commission	11, I
Federal Emergency Management Agency	41, 44; 44, I
Federal Energy Regulatory Commission	18, I
Federal Financial Institutions Examination Council	12, XI
Federal Financing Bank	12, VIII
Federal Grain Inspection Service	7, VIII
Federal Highway Administration	23, I, II; 49, III
Federal Home Loan Bank Board	12, V
Federal Inspector for the Alaska Natural Gas Transportation System, Office of	10, XV
Federal Labor Relations Authority, and General Counsel of the Federal Labor Relations Authority	5, XIV; 22,XIV
Federal Law Enforcement Training Center	31, VII
Federal Maritime Commission	46, IV
Federal Mediation and Conciliation Service	29, XII
Federal Mine Safety and Health Review Commission	29, XXVII
Federal Pay, Advisory Committee on	5, IV
Federal Prison Industries	28, III
Federal Procurement Regulations	41, I
Federal Procurement Regulations System	41, Subtitle A
Federal Property Management Regulations	41, 101
Federal Property Management Regulations System	41, Subtitle C

Agency	CFR Title, Subtitle or Chapter
Federal Railroad Administration	49, II
Federal Register, Administrative Committee of	1, I
Federal Register, Office of	1, II
Federal Reserve System	12, II
Federal Services Impasses Panel	5, XIV
Federal Trade Commission	16, I
Fine Arts Commission	36, X; 45, XXI
Fiscal Service	31, II
Fish and Wildlife Service, United States	50, I, IV
Fishery Conservation and Management	50, VI
Fishing and Whaling, International Regulatory Agencies	50, III
Food and Drug Administration	21, I
Food and Nutrition Service	7, II
Food Safety and Inspection Service	9, III
Foreign Agricultural Service	7, XV
Foreign Assets Control, Office of	31, V
Foreign Claims Settlement Commission of United States	45, V
Foreign Economic Development Service	7, XXI
Foreign Service Grievance Board	22, IX
Foreign Service Impasse Disputes Panel	22, XIV
Foreign Service Labor Relations Board	22, XIV
Foreign-Trade Zones Board	15, IV
Forest Service	36, II
General Accounting Office	4, I, II, III
General Sales Manager, Office of	7, XXV
General Services Administration	41, 5
Acquisition Policy, Office of	41, 5A, 5B
Federal Procurement Regulations System	41, 1, 5A, 5B
Federal Property Management Regulations System	41, 101, 105
Geological Survey	30, II
Government National Mortgage Association	24, III
Great Lakes Pilotage	46, III
Harry S Truman Scholarship Foundation	45, XVIII
Health and Human Services, Department of	45, Subtitle A
Child Support Enforcement, Office of	45, III
Family Assistance, Office of	45, II
Federal Procurement Regulations System	41, 3
Food and Drug Administration	21, I
Harry S Truman Scholarship Foundation	45, XVIII
Health Care Financing Administration	42, IV
Human Development Office	45, XIII
Public Health Service	42, I
Refugee Resettlement, Office of	45, IV
St. Elizabeths Hospital	42, III
Social Security Administration	20, III; 45, IV
Health Care Financing Administration	42, IV
Housing and Urban Development, Department of	
Community Planning and Development, Office of Assistant Secretary for	24, V, VI
Equal Opportunity, Office of Assistant Secretary for	24, I
Federal Procurement Regulations System	41, 24
Government National Mortgage Association	24, III
Housing—Federal Housing Commissioner, Office of Assistant Secretary for	24, II, IX, XX
Housing Management, Office of Assistant Secretary for	24, IV
Low-Income Housing	24, VIII
Mortgage Insurance and Loan Programs Under Emergency Homeowners' Relief Act	24, XV
New Community Development Corporation	24, VII
Secretary, Office of	24, Subtitle A
Solar Energy and Energy Conservation Bank	24, X
Housing—Federal Housing Commissioner, Office of Assistant Secretary for	24, II, IX, XX
Housing Management, Office of Assistant Secretary for	24, IV
Human Development Services Office	45, XIII
Immigration and Naturalization Service	8, I

Agency	CFR Title, Subtitle or Chapter
Indian Affairs, Bureau of	25, I; 41, 14H
Indian Arts and Crafts Board	25, II
Industrial Economics, Bureau of, Commerce Department	15, VI
Information Agency, United States	22, V; 41, 19
Information Security Oversight Office	32, XX
Inspector General, Office of, Agriculture Department	7, XXVI
Inter-American Foundation	22, X
Intergovernmental Relations, Advisory Commission on	5, VII
Interior Department	
Endangered Species Committee	50, IV
Federal Procurement Regulations System	41, 14
Federal Property Management Regulations System	41, 114
Fish and Wildlife Service, United States	50, I, IV
Geological Survey	30, II
Indian Affairs, Bureau of	25, I; 41, 14H
Indian Arts and Crafts Board	25, II
Land Management Bureau	43, II
Mines, Bureau of	30, VI
National Park Service	36, I
Reclamation Bureau	43, I
Secretary of the Interior, Office of	43, Subtitle A
Surface Mining and Reclamation Appeals, Board of	30, III
Surface Mining Reclamation and Enforcement, Office of	30, VII
United States Fish and Wildlife Service	50, I, IV
Water Research and Technology, Office of	41, 14R
Water Resources Research, Office of	18, IV
Internal Revenue Service	26, I
International Boundary and Water Commission, United States and Mexico	22, XI
International Communication Agency	22, V; 41, 19
International Development, Agency for	22, II; 41, 7
International Development Cooperation Agency	22, II; 41, 7
International Joint Commission, United States and Canada	22, IV
International Organizations Employees Loyalty Board	5, V
International Regulatory Agencies (Fishing and Whaling)	50, III
International Trade Administration	15, III; 19, III
International Trade Commission, United States	19, II
Interstate Commerce Commission	49, X
Joint Board for the Enrollment of Actuaries	20, VIII
Justice Department	28, I; 41, 128
Drug Enforcement Administration	21, II
Federal Claims Collection Standards	4, II
Federal Prison Industries	28, III
Federal Procurement Regulations System	41, 28
Foreign Claims Settlement Commission of the United States	45, V
Immigration and Naturalization Service	8, I
Prisons, Bureau of	28, V
Labor Department	
Benefits Review Board	20, VII
Employees' Compensation Appeals Board	20, IV
Employment and Training Administration	20, V
Employment Standards Administration	20, VI
Federal Contract Compliance, Office of	41, 60
Federal Procurement Regulations System	41, 29, 50
Labor-Management Relations, Office of the Assistant Secretary	29, II
Labor-Management Standards Enforcement, Office of	29, IV
Mine Safety and Health Administration	30, I
Occupational Safety and Health Administration	29, XVII
Pension and Welfare Benefit Programs	29, XXV
Public Contracts	41, 50
Secretary of Labor, Office of	29, Subtitle A
Wage and Hour Division	29, V
Workers' Compensation Programs, Office of	20, I
Labor-Management Relations, Office of Assistant Secretary	29, II

Agency	CFR Title, Subtitle or Chapter
Labor-Management Standards Enforcement, Office of	29, IV
Land Management, Bureau of	43, II
Legal Services Corporation	45, XVI
Library of Congress	36, VII
Copyright Office	37, II
Low-Income Housing, Department of Housing and Urban Development	24, VIII
Management and Budget, Office of	5, III
Marine Mammal Commission	50, V
Maritime Administration	46, II
Merit Systems Protection Board	5, II
Micronesian Status Negotiations, Office for	32, XXVII
Mine Safety and Health Administration	30, I
Mines, Bureau of	30, VI
Miscellaneous Agencies	1, IV
Monetary Offices	31, I
Mortgage Insurance and Loan Programs Under the Emergency Homeowners' Relief Act, Department of Housing and Urban Development	24, XV
National Aeronautics and Space Administration	14, V; 41, 18
National Bureau of Standards	15, II
National Commission on Libraries and Information Science	45, XVII
National Commission on the Observance of International Women's Year	45, XIX
National Credit Union Administration	12, VII
National Foundation on the Arts and the Humanities	45, XI
National Highway Traffic Safety Administration	23, II; 49, V
National Labor Relations Board	29, I
National Marine Fisheries Service	50, II, IV
National Mediation Board	29, X
National Oceanic and Atmospheric Administration	15, IX; 50, II, VI
National Park Service	36, I
National Railroad Adjustment Board	
National Railroad Passenger Corporation (AMTRAK)	49, VII
National Science Foundation	45, VI; 41, 25
National Security Council	32, XXI
National Security Council and Office of Science and Technology Policy	47, II
National Telecommunications and Information Administration	15, XXIII
National Transportation Safety Board	49, VIII
Navajo and Hopi Indian Relocation Commission	25, IV
Navy Department	32, VI
Neighborhood Reinvestment Corporation	24, XXV
New Community Development Corporation	24, VII
Nuclear Regulatory Commission	10, I; 41, 20
Occupational Safety and Health Administration	29, XVII
Occupational Safety and Health Review Commission	29, XX
Overseas Private Investment Corporation	22, VII
Packers and Stockyards Administration	9, II
Panama Canal Regulations	35, I
Patent and Trademark Office	37, I
Peace Corps	22, III
Pennsylvania Avenue Development Corporation	36, IX
Pension Benefit Guaranty Corporation	29, XXVI
Pension and Welfare Benefit Programs, Department of Labor	29, XXV
Personnel Management, Office of	5, I; 41, 16; 45, VIII
Postal Rate Commission	39, III
Postal Service, United States	39, I
Postsecondary Education, Office of	34, VI
President's Commission on White House Fellowships	1, IV
Presidential Documents	3
Prisons, Bureau of	28, V
Privacy Protection Study Commission	1, IV
Procurement Regulations System, Federal	41, Subtitle A

Agency	CFR Title, Subtitle or Chapter
Property Management Regulations System, Federal	41, Subtitle C
Public Contracts, Department of Labor	41, 50
Public Health Service	42, I
Railroad Retirement Board	20, II
Railway Association, United States	49, IX
Reclamation Bureau	43, I
Refugee Resettlement, Office of	45, IV
Regional Action Planning Commissions	13, V
Research and Special Programs Administration	49, I
Rural Electrification Administration	7, XVII
Rural Telephone Bank	7, XVI
Saint Elizabeths Hospital	42, III
Saint Lawrence Seaway Development Corporation	33, IV
Science and Technology Policy, Office of	32, XXIV
Science and Technology Policy, Office of, and National Security Council	47, II
Secret Service	31, IV
Securities and Exchange Commission	17, II
Selective Service System	32, XVI
Small Business Administration	13, I
Smithsonian Institution	36, V
Social Security Administration	20, III; 45, IV
Soil Conservation Service	7, VI
Solar Energy and Energy Conservation Bank, Department of HUD	24, X
Soldiers' and Airmen's Home, United States	5, XI
Special Education and Rehabilitative Services, Office of	34, III
Special Representative for Trade Negotiations, Office of	15, XX
State Department	22, I
Federal Procurement Regulations System	41, 6
Surface Mining and Reclamation Appeals, Board of	30,III
Susquehanna River Basin Commission	18, VIII
Tennessee Valley Authority	18, XIII
Trade Representative, United States, Office of	15, XX
Transportation, Department of	
Coast Guard	33, I; 46, I, III; 49, IV
Federal Aviation Administration	14, I
Federal Highway Administration	23, I, II; 49, III
Federal Procurement Regulations System	41, 12
Federal Railroad Administration	49, II
Highway Safety Program Standards	23, II
Maritime Administration	46, II
National Defense	44, IV
National Highway Traffic Safety Administration	23, II; 49, V
Research and Science Programs Administration	49, I
Saint Lawrence Seaway Development Corporation	33, IV
Secretary, Office of	49, Subtitle A
Urban Mass Transportation Administration	49, VI
Travel Service, United States	15, XII
Treasury Department	
Alcohol, Tobacco and Firearms, Bureau of	27, I
Comptroller of the Currency	12, I
Customs Service, United States	19, I
Engraving and Printing, Bureau of	31, VI
Federal Law Enforcement Training Center	31, VII
Federal Procurement Regulations System	41, 10
Fiscal Service	31, II
Foreign Assets Control, Office of	31, V
Internal Revenue Service	26, I
Monetary Offices	31, I
Secret Service	31, IV
Secretary of the Treasury, Office of	31, Subtitle A
Truman, Harry S. Scholarship Foundation	45, XVIII
United States and Canada, International Joint Commission	22, IV
United States Arms Control and Disarmament Agency	22, VI; 41, 23
United States Customs Service	19, I

Agency	CFR Title, Subtitle or Chapter
United States Fish and Wildlife Service	50, I, IV
United States International Development Cooperation Agency	22, XII
United States International Trade Commission	19, II
United States Metric Board	15, V
United States Postal Service	39, I
United States Railway Association	49, IX
United States Soldiers' and Airmen's Home	5, XI
United States Trade Representative, Office of	15, XX
United States Travel Service	15, XII
Urban Mass Transportation Administration	49, VI
Veterans Administration	38, I; 41, 8
Vice President of the United States, Office of	32, XXVIII
Vocational and Adult Education, Office of	34, IV
Wage and Hour Division	29, V
Water Research and Technology, Office of	41, 14R
Water Resources Council	18, VI
Water Resources Research, Office of	18, IV
Welfare-Pension Reports, Office of Labor-Management and	29, IV
Workers' Compensation Programs, Office of	20, I

List of CFR Sections Affected

All changes in this volume of the Code of Federal Regulations which were made by documents published in the FEDERAL REGISTER since January 1, 1973, are enumerated in the following list. Entries indicate the nature of the changes effected. Page numbers refer to Federal Register pages. The user should consult the entries for chapters and parts as well as sections for revisions.

Title 40 was established at 36 FR 12213, June 29, 1971. For the period before January 1, 1973, see the List of CFR Sections Affected, 1964—1972 which is published in a separate volume.

1973

(Regulations published from January 1 through June 30, 1973)

40 CFR

		38 FR Page
52	Subparts B, C, E, G, H, K, L, M, P, Q, R, S, T, U, V, X, Y, AA, CC, FF, KK, NN, OO, QQ, RR, VV, and YY amended	12702
	Subparts D, F, N, DD, GG, and TT amended	12711
52.01	(g) and (h) added	12698
52.18	Added	12698
52.19	Added	12698
52.22	Added	6280
	Revised	12920
52.50	(c) revised	16564
52.52	Removed	7324
52.54	Table amended	7324, 16564
52.55	Added	7324
	Removed	16564
52.76	Added	16564
52.81	Table amended	7324
52.83	Revised	7324
52.84	Added	16145
52.120	(c) revised	16564
52.122	(a) revised	7324
	(a) revised; (c) added	7556
	(d) added (incorrectly designated as (c))	16564
52.124	Removed	12704
52.125	(c) added	7556
52.126	(b) added	12704
52.129	(c) and (d) added	12705
52.130	(c) added	12705
	(b) added	16564

40 CFR—Continued

		38 FR Page
52.131	Table amended	7325, 7556
52.132	Revised	7325
	(a)(3) revised	16564
52.134	Added	7556
	(a) revised	12705
52.135	Added	16564
52.136	Added (incorrectly designated as 52.134)	16564
52.222	(b) removed	7325
52.224	(b) added	12706
52.233	(f) and (g) added	12706
52.234	(d) added	12707
52.238	Table revised	7325
	Table corrected	12920
52.239	Revised	7325
	Table corrected	12920
52.239	Revised	7325
	(a)(2) and (3) amended	12920
52.240	(a)(1)(iv) added	12698
	(c) and (d) added	12708
52.241	Added (incorrectly designated as 52.240)	16564
52.322	(b) removed	7325
52.325	Table amended	7325
52.236	Revised	7325
52.327	Added	16145
52.328	Added (incorrectly designated as 52.327)	16564
52.370	(c) revised	12698
52.420	(c) revised	13562
52.428	Amended	13562
52.429	Added	13562
	Table corrected	14375
	(a) table amended	14753
52.470	(c) revised	16564
52.474	Added	16565
52.479	Added	16565
52.481	Table revised	7325

40 CFR—Continued

		38 FR Page
52.482	(a) revised	7326
52.483	Added	16565
52.484	Added	16565
52.485	Added	16565
52.522	Revised	16145
52.524	Added	16145
52.620	(c) revised	12712
52.623	Amended	12712
52.626	Removed	12712
52.627	Removed	12712
52.670	(c) revised	12708
52.675	Removed	12708
52.677	Revised	16145
52.679	Removed	12708
52.720	(c) revised	16565
52.727	Table amended	7326
52.728	Revised	7326
52.729	Added	16565
52.730	Added	16145
52.770	(c) revised	12698
52.772	(b) removed	7326
	(a) revised	12698
52.774	Removed	12698
52.777	Removed	12698
	Added	16565
52.778	(a) revised; (b) removed	12698
52.779	(a), (b), and (c) removed	12698
52.780	(d) added	12698
52.781	(b) revised; (c) and (d) removed	12698
52.783	Table amended	7326
	Footnote f. revised	12699
52.784	Added	7326
52.785	Added	16565
52.870	(c) revised	16565
52.872	Removed	7326
52.879	Table amended	7326
52.880	Added	7326
52.881	Added	16565
52.927	Added	16145
52.970	(c) revised	16565
52.973	(b) revised	3600
	(a) revised	16565
52.976	(b)(8)(iv) added; (b)(9)(iii) revised	3600
52.979	Table amended	7326, 16565
52.981	Removed	7326
52.982	Added	7327
	Removed	16565
52.1070	(c) revised	16565
52.1072	(b) removed	7327
	(b) added	16566
52.1074	(a) added (incorrectly designated as (b))	16566
52.1077	(b) added	16566
52.1078	Table amended	7327

40 CFR—Continued

		38 FR Page
52.1079	Revised	7327
	(a)(2) and (3) amended	12920
	(a)(1) revised	16566
52.1080	Added	16145
52.1081	Added (incorrectly designated as 52.10803)	16566
52.1083	Added	16566
52.1084	Added	16566
52.1122	(b) removed	7327
52.1125	(b) revised	9089
52.1126	Added	9089
52.1127	Table amended	7327
52.1128	Revised	7327
	(a) (2) and (3) amended	12921
52.1129	Added	16566
52.1175	(b)(1) amended; (b)(1)(i) and (ii) and introductory text of (b)(2) revised	12712
	(c) added	16145
52.1176	(b)(6)(iii) revised	12713
52.1222	Removed	7327
52.1226	Table amended	7327
52.1227	Revised	7327
52.1228	Added	16566
52.1320	(c) revised	16566
52.1322	Removed	7327
52.1332	Table amended	7327
52.1333	Added	7327
52.1334	Added	16566
52.1420	(c) revised	12699
52.1423	(b) added	12699
52.1424	(b)(1) removed	12699
52.1425	(b) added	12699
52.1426	Removed	12699
52.1428	(d) and (e) added	12699
52.1429	(b) and (d) removed; (f) and (g) added	12700
52.1432	(b) and (c) added	12700
52.1470	(c) revised	12708
52.1473	(a) amended; (b) added	12708
52.1474	Removed	12708
52.1477	(a) revised; (b) removed	12708
52.1478	(a) revised; (b) added	12709
52.1479	(a) revised; (c) added	12709
52.1520	(d) added	12713
	(c) revised	16145
52.1522	Revised	16145
52.1524	Added	12713
	(a) table amended; (b) and (c) added	16145
52.1570	(c)(1) revised; (c)(3) added	15723
52.1572	(b) removed	7328

40 CFR—Continued

	38 FR Page
52.1577 (d) (1) and (2) amended	12713
52.1578 (c)(8)(iv) added; (9)(ii) revised	12713
Removed	15723
52.1580 Table amended	7328
52.1581 Added	7328
52.1582 Added	16567
52.1620 (c) revised	12709
52.1623 Removed	12709
52.1624 (c) added	7556
(c)(1) revised	29296
52.1626 (c) added	7557
(d) added	12709
52.1627 Removed	12709
52.1628 Removed	12709
52.1629 Removed	12709
52.1630 Table amended	7557
52.1631 (a) revised	7557
52.1670 (c) revised	16567
52.1672 (b) (3) and (4) removed	7328
(c) revised	16567
52.1677 (c) added	16146
52.1682 Table revised	7328, 16567
Heading corrected	12921
52.1683 Revised	7328, 16567
52.1770 (c) revised	16146
52.1772 Revised	16146
52.1774 Added	16146
52.1870 (d) added	12713
52.1872 (b) removed	7328
52.1875 Table amended	7328
Heading revised	12713
52.1876 Revised	7328
52.1877 Added	16567
52.1920 (c) revised	12701
52.1922 Revised	12701
52.1923 Removed	12701
52.1924 Removed	12701
52.1970 (c) revised	16567
52.1972 Revised	16168
52.1973 Table amended	7329
52.1974 Revised	7329
52.1975 Added	16168
52.1976 Added	16567
52.1977 Added	16567
52.1978 Added	16567
52.2020 (c) revised	7459, 12701, 16567
52.2022 (b) removed	7329
52.2024 Removed	12701
52.2025 Removed	12701
52.2026 (c) added	7459
Removed	12701
52.2028 Removed	12701
52.2030 (a) and (b)(3) removed; (b)(2) revised	12701

40 CFR—Continued

	38 FR Page
(c) added	16567
52.2031 (b) added	16568
52.2032 Removed	12701
Added	16568
52.2033 Added	7459
52.2034 Table amended	7329
52.2035 Revised	7329
(a)(2) and (3) amended	12921
52.2036 Added	7459
52.2037 Added (incorrectly designated as 52.2036)	16568
52.2070 (d) added	12713
(c) revised	16168
52.2076 Revised	16352
52.2077 Added	16168
(d) added	16352
52.2120 (c) revised	16168
52.2123 Added	16168
52.2220 (c)(2), (3), and (4) revised	16169
52.2223 Added	16169
52.2270 (c)(2) revised	3600
(c) revised	16568
52.2272 Removed	7329
52.2279 Revised	3600
Table amended	7329
Corrected	12921
52.2280 Revised	7329
(a) corrected	12921
52.2282 Added	16568
52.2320 (c) revised	12709, 16568
52.2322 (a) removed	7329
(b) revised; (d) added	7557
Added	16568
52.2324 (b) added	12709
52.2325 (c) added	7557
52.2327 (b) added	7557
(b) revised	12710
52.2328 Removed	12710
52.2329 Removed	12710
(b) added	16568
52.2330 (b) added	7558
(c) added	12710
52.2331 Table amended	7329, 7558
52.2332 Revised	7329
52.2334 Added	12711
52.2335 Added	16568
52.2336 Added	16568
52.2370 (c) revised	12713
52.2420 (c) revised	12701, 16568
52.2424 Correctly designated from 54.2424 (removed)	12701
(a) added (incorrectly designated as (b))	16568

40 CFR—Continued

38 FR Page

52.2425 Correctly designated from 54.2425 (removed) 12701
52.2427 (b) correctly designated from 54.2427 (b) removed 12701
(a) removed 12701
(c) added 16568
52.2428 (c) added 16568
52.2429 Correctly designated from 54.2429 (table revised) 12701
Table amended 16568
52.2430 Added 16568
52.2431 Added 16568
52.2432 Added 16569
52.2433 Added 16569
52.2434 Added 16569
52.2470 (c) revised 12701, 16169, 16569
52.2472 Removed 7330
52.2473 Revised 16169
52.2477 Added 16569
52.2478 Table amended 7330
52.2479 Revised 7330
52.2481 Added 16169
52.2482 Added 16569
52.2483 Added 16569
52.2484 Added (incorrectly designated as 52.2481 16569
52.2522 Revised 16170
52.2524 Added 16170
52.2570 (c) revised 12702, 12713
52.2573 (b) added 12702
52.2575 Removed 12713
52.2576 Removed 12713
52.2577 Table amended 12713
52.2578 Added 12713
Revised 16170
52.2625 (b)(8)(iv) added; (b)(9)(iii) revised 12713
52.2775 (b)(6)(iii) revised 12714

1973–1974

(Regulations published from July 1, 1973 through June 30, 1974)

40 CFR

38 (39*) FR Page

52.01 (f) removed *7276
52.09 (c) added 30877
52.22 Revised *7276
52.23 Added 30633
52.50 (c) revised *7279
(c)(2) amended *14338
52.53 Revised *7279
52.54 Table amended *16345
52.56 Added *7279
52.70 (c) revised 22738

40 CFR—Continued

38 (39*) FR Page

52.74 (b) added *7279
52.78 Added *7279
52.81 Table amended 32659
52.82 (b) added 32659
52.83 Removed 32659
52.84 (b), (c), and (d) added 22738
(b)(9) revised 24342
Corrected *20061
52.85 Added 32659
52.86 Added 32659
52.86 (c), (d), and (h) amended *1849
52.87 Added 32660
52.88 Added 32660
52.89 Added 32661
52.90 Added 32661
52.91 Added 32662
52.92 Added 32662
52.93 Added 32662
52.120 (c) revised 33373
52.121 Table amended *16346
52.122 (d) added 33373
52.122 (e) added *10583
52.123 Revised 33373
52.125 (c) revised *10584
52.127 Removed *16346
52.129 (e) and (f) added *7279
52.131 Table amended 33373
52.131 Amended *10584
table amended *16346
Corrected *20061
52.132 Removed; new 52.132 added 33373
52.134 (a)(2) amended; (b) added *10584
52.136 Revised 33374
52.137 Added 33374
52.138 Added 33375
52.139 Added 33375
52.139 (c), (d), (h), and (k) amended *1849
52.140 Added 33376
52.171 Table amended *16346
52.176 Table amended *16346
52.177 Added *7280
52.221 Table amended *16346
52.222 (b) and (c) added 31244
52.233 (h) and (i) added *7280
52.237 Removed 31245
52.238 Amended 31245
52.239 Removed 31245
52.240 (d)(1)(i)(*f*) revised 33973
52.241 Added 31245
52.242 Added 31245
52.243 Added 31245

NOTE: Symbol (*) refers to 1974 page numbers.

40 CFR—Continued

38 (39*) FR Page

52.244 Added.................................31246
52.245 Added.................................31246
52.246 Added.................................31246
52.247 Added.................................31246
52.248 Added.................................31247
52.248 Removed.............................*1849
52.249 Added.................................31247
52.249 Removed.............................*1849
52.250 Added.................................31247
52.250 Removed.............................*1849
52.251 Added.................................31248
52.251 Revised...............................*1025
(c), (d), (g), and (j) amended.........1849
52.252 Added.................................31248
52.253 Added.................................31248
52.254 Added.................................31249
52.255 Added.................................31251
52.255 (d)(2), (e)(1), and (f)(i)
and (3) amended.........................*4881
(c)(3)(iii) revised..........................*16888
52.256 Added.................................31251
(g) (1) and (2) and (h) (1) and
(3) amended...............................*4881
(g) (1), (2), and (3) and (h)(1)
amended...................................*21053
52.257 Added.................................31252
52.258 Added.................................31252
52.259 Added.................................31253
52.260 Added.................................31253
52.261 Added.................................31253
(d) amended..................................35467
52.262 Added.................................31254
52.263 Added.................................31254
52.264 Added.................................31254
52.265 Added.................................31254
52.266 Added.................................31255
52.320 (c) revised...........................30820
52.321 Table amended................*16346
52.322 (b) added.............................30820
52.325 Table amended...................30820
52.325 Table amended................*16346
52.326 (a) revised...........................30820
52.327 (b) added.............................22739
(b)(5) revised...............................24342
(38 FR 16564) redesignated as
52.328...30821
52.328 Redesignated from
52.327 (38 FR 16564) and revised...30821
52.329 Added.......................20754, 30821
52.330 Added.......................20755, 30821
52.331 Added.......................20755, 30821
52.332 Added.......................20755, 30821
52.333 Added.......................20756, 30821
52.334 Added.......................20756, 30822
52.335 Added.......................20756, 30823

40 CFR—Continued

38 (39*) FR Page

52.336 Added.......................20757, 30823
52.336 (e)(1), (2) and (3) and
(f)(1) and (3) amended.............*4881
52.337 Added.......................20757, 30824
(g)(1) and (2) and (h)(1) and (3)
amended....................................*4881
(g)(1), (2), and (3) and (h)(1)
amended.....................................21053
52.338 Added.......................20757, 30824
52.339 Added.................................30824
52.340 Added.................................*7280
52.370 (c) revised...........................*7280
52.371 Table amended................*16346
52.373 Revised...............................*7280
52.374 Table amended................*16346
52.375 Added.................................*7280
table amended.............................*13651
52.421 Table amended................*16346
52.422 Revised...............................*7280
52.426 Added.................................*7280
52.428 Table amended................*16346
52.470 (d) added.............................29296
(c)(2) and (3) revised....................33709
52.471 Table amended................*16346
52.472 Revised...............................33709
52.474 Revised...............................33709
52.476 (b) added.............................22740
(b)(5) revised...............................24342
(c) through (h) added....................33709
52.476 (d)(3) removed...................*1849
52.478 Added.................................*7280
52.479 (b) and (c) added...............33710
52.481 Table amended.... 33711, *16346
52.482 Revised...............................33711
52.483 Revised...............................33711
52.484 Removed.............................33711
52.485 Removed.............................33711
52.486 Added.................................33711
52.486a Added (appears as
52.486).......................................33711
52.487 Added.................................33711
(e)(1) and (2) and (f)(1) and (3)
amended....................................*4881
52.488 Added.................................33712
(g) (1) and (2) and (h) (1) and
(3) amended...............................*4881
(g)(1), (2), and (3) and (h)(1)
amended.....................................21053
52.489 Added.................................33713
52.490 Added.................................33713
52.491 Added.................................33713
52.492 Added.................................33714
52.493 Added.................................31536
52.493 (c) and (d) amended..........*1849

NOTE: Symbol (*) refers to 1974 page numbers.

40 CFR—Continued

		38 (39*) FR Page
52.494	Added	33715
52.495	Added	33715
52.496	Added	33716
52.520	(c) revised	22740
	(c) revised	*7280
52.521	Table amended	*16346
52.523	Table amended	*16346
52.524	(b) added	22740
	(c) added	24333
	(b)(6) revised	24342
	(c) tables revised	26325
52.571	Table amended	*16346
52.572	Revised	*7280
52.574	Added	7280
52.575	Table amended	*16346
52.620	(c)(2) revised	30877
	(c) revised	*22947
52.623	Amended	*7280
52.626	Added	*16348
52.628	Table amended	*22947
52.629	Added	*7280
52.670	(c) revised	22741, 29296
	(c) revised	7280
52.677	Revised	22741
	(d)(5) revised	24342
52.679	Added	7280
52.720	(c) revised	29296
52.721	Table amended	*16346
52.723	Removed	29297
52.726	(a) revised	17726
52.727	Table amended	33561
	Table corrected	29297 ,*16246
52.728	Removed	33561
52.730	(b) added	22742
	(v)(3) revised	24342
52.731	Added	33561
52.732	Added	33562
52.733	Added	33562
52.734	Added	33562
52.736	Added	*7281
52.770	(c)(3) added	*4663
	(c) revised	*12348
52.771	Table amended	*16346
52.772	(b) added	*12348
52.780	(a) and (d) (1) and (2) revised; (b), (c), and (d)(9) removed	*4663
	(e) and (f) added	*7281
52.783	Table amended	*16346
52.786	Revised	*12348
52.787	Added	*12349
52.791	Added	*4663
52.821	Table amended	*16346
52.824	(b) added	*7281
52.827	Table amended	*16346
52.828	Added	30877

40 CFR—Continued

		38 (39*) FR Page
52.829	Added	30877
52.830	Added	*7281
52.870	(c) revised; (d) added	30877
52.873	Tables amended	17682
52.874	(c) added	*7281
52.875	Removed	30877
52.876	(b)(1) amended	30877
52.877	Removed	30878
52.878	Removed	30878
	Added	*7281
52.880	Removed	17682
52.881	Removed	17682
52.920	(c) revised	*7281
52.921	Table amended	*16346
52.926	Table amended	*16346
52.928	Added	*7281
52.970	(c) revised	17682, 18652
52.973	Removed	17682
52.976	Removed	18652
	(c) and (d) added	*7281
	(c) and (d) correctly designated as (a) and (b) (39 FR 7281)	21053
52.979	Table amended	17682
52.980	Removed	17682
52.1020	(d) added	22474
	(c) revised	*7281
52.1022	Revised	*7281
52.1023	Added	22474
52.1025	Added	22474
52.1026	Added	*7281
52.1070	(c) revised	33716
	(c) revised	*22947
52.1071	Table amended	*16346
	Corrected	*20061
52.1072	(b) revised	33716, 34247
52.1073	Revised	33716
	(d) and (e) added	34247
52.1074	Revised	33716
	(a) and (b) revised	34248
52.1075	Removed	*16346
52.1076	Added	*7281
52.1077	(b) amended; (c) added	33716
	(c) (2) and (3) amended	34248
52.1078	Table amended	33717, 34248
	Table amended	*16346, 22947
	Corrected	*20061
52.1079	Removed	33717
52.1080	(b) added	22743
	(b)(5) revised	24342
	(c) through (h) added	33717
	(38 FR 16566) Correctly designated as 52.1081	33718
	(i), (j), and (k) added	34248
	(d)(3) removed	*1849

Note: Symbol (*) refers to 1974 page numbers.

40 CFR—Continued

38 (39*) FR Page

52.1081 Correctly designated from 52.1080 (38 FR 16566) and revised........33718
(c) and (d) added........34248
52.1082 Added........33718
(b) added........34249
52.1084 Revised........33718
52.1085 Added........33718
52.1086 Added........33719
(e) (1) and (2) and (f) (1) and (3) amended........*4881
52.1087 Added........33719
(g) (1) and (2) and (h) (1) and (3) amended........4881
(g) (1), (2), and (3) and (h) (1) amended........*21053
52.1088 Added........33720
52.1089 Added........33720
52.1090 Added........33721
52.1091 Added........33721
52.1092 Added........33722
52.1093 Added........33722
52.1094 Added........33723
52.1095 Added........34249
52.1096 Added........34249
52.1097 Added........34250
52.1098 Added........34250
52.1099 Added........34251
52.1100 Added........34251
52.1101 Added........34252
(e) (1) and (2), (f) (1) and (3), and (g) (1) and (2) amended.... *4881
(39 FR 4881) correctly designated as 52.1102........*21053
52.1102 Added........34253
(h) (1) and (3) amended........*4881
(39 FR 4881) correctly designated from 52.1101........*21053
(g) (1), (2), and (3) and (h) (1) amended........*21053
52.1103 Added........31537
(c) and (d) amended........*1849
52.1104 Added........34253
52.1105 Added........34253
52.1106 Added........34254
52.1107 Added........34255
52.1108 Added........34255
52.1109 Added........34256
52.1110 Added........34256
52.1111 Added........34256
(c), (d), and (j) amended........*1849
52.1112 Added........34257
52.1121 Table amended........*16346
52.1122 (b) added........30963
52.1124 Added........*7281

NOTE: Symbol (*) refers to 1974 page numbers.

40 CFR—Continued

38 (39*) FR Page

Removed........*16346
52.1125 (a) revised; (b) table amended........20835
(a) and (b) tables amended........21919
(b) table amended........32808, 34116
(b) table amended........*3823, 15272, 17442, 17443, 17840
(a) and (b) tables amended........*14339
52.1127 Table amended........30964
Table amended........*16346
52.1128 Revised........30964
52.1129 Added........18879
(38 FR 18879) redesignated as 52.1133........30878
52.1130 Added........18879
(b) added........18880
52.1131 Added........18879
(b) added........18880
52.1132 Added........18880
52.1133 Redesignated from 52.1129 (38 FR 18879)...30878, 30964
52.1134 Added........30964
52.1135 Added........30964
52.1135 (d) amended........*1849
52.1136 Added........30966
(b), (c), and (d) removed; (e), (f), and (g) redesignated as (b), (c), and (d)........1849
52.1137 Added........30966
Removed........*1849
52.1138 Added........30966
52.1139 Added........30967
52.1140 Added........30967
52.1141 Added........30968
52.1142 Added........30968
52.1143 Added........30968
52.1144 Added........30969
52.1145 Added........30969
52.1146 Added........30969
52.1147 Added........30970
(a) (1), (2), and (3) and (c)(3) revised; (b) (1) and (2), (c)(1), and (d) (1) and (3) amended; (c)(4) added........*4881
(b) (1), (2), and (3) and (d)(1) amended........*21053
52.1148 Added........30830
52.1149 Added........30830
52.1150 Added........30830
Removed........*1849
52.1151 Added........30830
52.1152 Added........30831
52.1153 Added........30831
52.1154 Added........30831
52.1155 Added........30831

40 CFR—Continued

Section	Change	38 (39*) FR Page
52.1160	Added	30971
52.1171	Table amended	*16346
52.1174	Removed	*16346
52.1175	(d) added	22743
	(d)(3) revised	24342
	(d)(3)(i) revised	*9177
52.1176	(c) and (d) added	*7282
52.1177	Table amended	16346
52.1220	(c) revised	30833
52.1221	Table amended	*16346
52.1225	Added	*7282
52.1226	Table amended	*16347
52.1227	(a) (1) revised; (a) (2) and (3) removed	30833
52.1228	Removed	30833
52.1271	Table amended	*16347
52.1272	Revised	*7282
52.1273	Table amended	*16347
52.1275	Added	*7282
52.1276	Added	*7282
52.1320	(c) revised	30878
52.1321	Table amended	*16347
52.1325	(c) added	*7282
52.1326	Removed	*16347
52.1328	Added	*7282
52.1332	Table amended	17682
	Table amended	*16347
52.1333	Removed	17682
52.1334	Removed	17682
52.1374	Added	*7282
52.1421	Table amended	*16347
52.1428	(f) and (g) added	*7282
52.1431	Table amended	*16347
52.1433	Removed	*16347
52.1471	Table amended	*16347
52.1478	(c) and (d) added	*7282
52.1482	(b) and (c) added	*14209
52.1520—52.1525 (Subpart EE)	See FR Doc. 74-7887	*12350
52.1520	(c) revised	*7282
52.1524	(d) added	22744
52.1525	Added	*7282
52.1570	(c)(4) added	*1439
52.1571	Table revised	*16347
52.1572	(b) added	31392
52.1576	Amended	*16347
52.1578	Added	*7282
52.1580	Revised	31392
	Table amended	*16347
52.1681	Removed	31393
52.1583	Added	31393
	(c) and (f) amended	*12101
52.1584	Added	31393
	(c) and (g) amended	*12101
52.1585	Added	31394

40 CFR—Continued

Section	Change	38 (39*) FR Page
	(c) and (f) revised	*12101
52.1586	Added	31394
52.1587	Added	31394
	(b), (c), (d), and (e)(2) amended	*12101
52.1588	Added	31395
	(c), (d), and (g) amended	*1849
52.1589	Added	31395
	(d) and (i) amended	*12101
52.1590	Added	31396
	Removed	*1849
	Revised	*19780
52.1591	Added	31397
	(c) and (d) amended	*12101
52.1592	Added	31397
52.1593	Added	31397
	(c) amended	*12101
52.1594	Added	31397
52.1595	Added	31398
52.1596	Added	31398
52.1597	Added	31399
	(b)(1), (2), and (3) and (c)(1) and (3) revised	*12101
	(b) (1), (2), and (3) and (c) (1) and (3) amended	*12865
52.1598	Added	31399
	(e) (1) and (2) and (f) (1) and (3) amended	*4881
52.1599	Added	31400
	(f) (1) and (2) amended	*4881
	(g) (1) and (3) amended	*4882
	(b) and (d) revised; (e) through (i) redesignated as (f) through (j); new (e) added	*12102
	(f) (1), (2), and (3) and (g) (1) amended	*21053
52.1600	Added	31400
	(c)(1) and (3) amended	*12102
52.1601	Added	*1439
52.1621	Table amended	*16347
52.1624	(c)(1) revised	29296
	(c) revised	*10584
52.1626	(c) (3) amended	*10585
52.1628	Added	*7282
52.1630	Amended	*10585
52.1631	(a) revised	*10585
52.1670	(c) (3) added	*1441, 9666
	(c) (2) revised	*7283
52.1671	Table amended	*16347
52.1675	(f) revised	*1441, 9666
52.1676	Amended	*16347
52.1677	(d) added	22744
	(d) (12) revised	24342
52.1680	Added	*7283

NOTE: Symbol (*) refers to 1974 page numbers.

40 CFR—Continued

38 (39*) FR Page

52.1682 Table amended.............. *16347
52.1770 (c) revised......................... *7283
52,1755 Added.................................. *7283
52.1822 Revised................................*7283
52.1824 Added.................................. *7283
52.1870 (c) revised......................... 30974
(c)(4) added................................ *13542
52.1871 Table amended.............. *16347
52.1873 Revised...................*7283, 13542
52.1875 Footnote (f) removed..... 30974
Table amended............................ *16347
52.1876 Removed..........................30974
52.1877 (a) revised; (b) and (c) removed...30974
Amended...................................*13542
52.1878 Added...............................30974
52.1879 Added................................ *7283
(c) and (d) added........................*13542
52.1880 Added............................. *13542
52.1881 Added............................. *13542
52.1922 Revised...............................*7283
52.1924 Added.................................. *7283
52.1970 (c) revised....................... 22746, 30827, *7283
52.1973 Table amended...............30827, *16347
52.1974 Revised............................ 30827
52.1975 (b) and (c) added............ 22746
(c) (11) revised............................ 24342
52.1976 Removed..........................30827
52.1977 Removed..........................30827
52.1978 Removed..........................30827
52.1981 Added...............................30827
52.1982 Added................................ *7283
52.2021 Table amended............. *16347
52.2022 (b) added.......................... 32893
52.2023 Revised............................. 32893
52.2027 Removed........................ *16347
52.2034 Table amended...............32893, *16347
52.2036 Revised............................ 32893
Correctly designated as 52.2037 (38 FR 16568, 32893)................. *2483
(a) table amended...........*12102, 16123
52.2037 Correctly designated from 52.2036 (38 FR 16568, 32893)...*2483
52.2038 Added...............................32893
52.2039 Added...............................32894
52.2040 Added...............................32894
(c), (d), and (h) amended............*1849
52.2041 Added...............................32895
52.2042 Added...............................32896
(e) (1) and (2) and (f) (1) and (3) amended.. *4882
(c)(2) and (3)(ii) revised............*13543

40 CFR—Continued

38 (39*) FR Page

52.2043 Added.................................32897
52.2044 Added.................................32897
52.2045 Added.................................32897
52.2046 Added.................................32898
52.2047 Added.................................32898
52.2048 Added.................................32899
52.2049 Added.................................32900
52.2050 Added.................................32900
52.2051 Added.................................32901
52.2052 Added.................................32901
52.2053 Added.................................32902
52.2055 Added................................. *7283
52.2070—52.2076 (Subpart OO) Effective date revised.............. 32257
52.2070 (d) revised............................9297
52.2071 Table amended.... 34325 ,16347
52.2074 (c) added........................... *7283
Correctly removed..................... *12350
52.2076 Table amended.............. *16347
52.2077 Added................................. 18879
(b) added.. 18880
(b) table amended; (c) and (d) added... 22747
(38 FR 18879) redesignated as 52.2080..30878
(b) (38 FR 18880) redesignated as 52.2080 (b)............................ 30878
(c) table amended.......................... *3824
52.2078 Added.................................18879
(b) added.. 18880
52.2079 Added.................................18879
(b) added.. 18880
52.2080 Redesignated from 52.2077 (38 FR 18879).............. 30878
(b) redesignated from 52.2077 (b) (38 FR 18880)....................... 30878
52.2081 Added................................. *7283
52.2120 (c) revised......................... *4082
52.2123 (b) table amended; (c) added... 22747
(c) (14) revised............................. 24342
(a) and (c) removed...................... *4082
52.2124 (d) added............................*7284
52.2125 Added................................. *7284
52.2175 Added................................. *7284
52.2220 (c)(4) added....................... 22748
(c) revised..................................... *9668
52.2221 Table amended.............. *16347
52.2223 (a) and (e) added.............. 22748
(a) (1) and (2) revised; (a) (4), (5), and (6) redesignated as (a)(5), (6), and (7); new (a)(4) added.. 24341
(a) (5) and (e)(16) revised............24342

Note: Symbol (*) refers to 1974 page numbers.

40 CFR—Continued

Section		38 (39*) FR Page
52.2224	(b) added	*7284
52.2228	Added	*7284
52.2230	Table amended	*16347
52.2271	Table amended	*16347
52.2272	Added	30642
52.2275	Added	30642
52.2276	Removed	*16347
52.2278	Removed	30642
52.2279	Table amended	30642, *16347
52.2280	Removed	30642
52.2283	Added	30643
52.2284	Added	30643
52.2285	Added	30643
	(f) (1) and (3) amended	*4882
52.2286	Added	30644
	(e) (1), (2), and (3) and (f) (1) and (3) amended	*4882
52.2287	Added	30645
52.2288	Added	30645
	(c)(2) and (d) revised; (g) (1), (2), and (3), (h)(3), (i) (1) and (3), and (k) amended; (e) through (k) redesignated as (f) through (l); new (e) added	*4882
52.2289	Added	30646
	(g) (1) and (3) and (i) amended	*4882
	revised; (e) through (i) redesignated as (f) through (j); new (e) added	*4883
52.2290	Added	30647
52.2291	Added	30647
52.2292	Added	30647
52.2293	Added	30647
52.2294	Added	30647
52.2295	Added	30648
	(e), (d), and (l) amended	*1849
52.2296	Added	30649
52.2297	Added	30650
	(b) revised; (f) amended	*4884
52.2298	Added	30650
52.2299	Added	*7284
52.2320	(c) revised	32666
52.2321	Table amended	*16347
52.2322	(e) added	32666
	(d) removed	*20485
52.2325	(c) removed	*20485
52.2327	(b) revised	*20485
52.2328	Added	*7284
52.2329	Added	*20596
52.2331	Table amended	32666
	Table amended	*16347, 20485
52.2332	Removed	32666
52.2337	Added	32666
52.2338	Added	32667
52.2339	Added	32667
52.2340	Added	32667
52.2341	Added	32668
52.2342	Added	32668
52.2343	Added	32668
52.2370	(c) revised	*7284
52.2376	Added	20836
52.2377	Added	*7284
52.2420	(c) revised	33723
	(c)(2) revised	*7284
	(c) revised	*22947
52.2421	Table amended	*16347
52.2422	Existing text designated as (a); (b) added	33723
52.2423	Revised	33724
52.2424	(b) corrected	33724
52.2426	Removed	*16347
52.2427	(c) amended; (d) added	33724
52.2429	Table amended	33724, *16347, 22947
52.2430	Revised	33724
52.2431	Revised	33724
52.2432	Removed	33724
52.2434	Removed	33724
52.2435	Added	33724
	(b)(3) removed	*1849
52.2436	Added	33725
52.2437	Added	33725
52.2438	Added	33726
	(e) (1) and (2) and (f) (1) and (3) amended	4882
	Redesignated as 52.2439 (38 FR 33726)	*4882
52.2439	Redesignated from 52.2438 (38 FR 33726) and (g) (1) and (2) and (h) (1) and (3) amended	*4882
52.2440	Added	33727
52.2441	Added	33727
52.2442	Added	33728
52.2443	Added	31538
	(c) and (d) amended	*1849
52.2444	Added	33729
52.2445	Added	33729
52.2446	Added	33729
52.2447	Added	33730
52.2448	Added	*7284
52.2460	(c) revised	22750
	Correctly designated as 52.2470 (38 FR 22750)	32674
52.2470	Correctly designated from 52.2460 (38 FR 22750) and (c) revised	32674

NOTE: Symbol (*) refers to 1974 page numbers.

40 CFR—Continued

38 (39*) FR
Page

(c) revised.......................................*7284
52.2471 Table amended.............*16347
52.2472 Added.................................32674
52.2473 Revised..............................32674
52.2475 Added.................................32674
52.2477 Revised..............................32674
52.2478 Table amended.................32675
Table amended...........................*16347
52.2479 Removed............................32675
52.2481 (a) and (b) revised; (c) removed; (d) added...................22751
(d)(3) revised..................................24342
(38 FR 16569) Correctly designated as 52.2484.........................32675
52.2484 Correctly designated from 52.2481 (38 FR 16569) and heading amended and text revised..................................32675
52.2485 Added.................................32675
52.2486 Added.................................32675
(c), (d), and (h) amended.............*1849
52.2488 Added.................................32677
Removed..*1849
52.2489 Added.................................32677
52.2490 Added.................................32677
52.2491 Added.................................32678
52.2492 Added.................................32678
52.2493 Added.................................32679
52.2494 Added.................................32679
52.2495 Added.................................*7284
52.2524 (b) added..........................22751
(b)(9) (i), (ii) and (iii) revised......24342
52.2525 Added.................................*7284
52.2570 (c)(2) amended.................30878
52.2571 Table amended.............*16348
52.2577 Table amended.............*16348
52.2578 (a) redesignated as (b); (c) added.....................................22752
(c)(3) revised (appears as 52.2758).......................................24342
52.2579 Added.................................*7285
52.2620 (c) revised; (d) added......29297
52.2625 (c) and (d) added..............*7285
52.2627 Removed............................29297
52.2670 (c) added...........................*7285
52.2722 Revised..............................*7285
52.2724 Added.................................*7285
52.2775 (c) and (d) added..............*7285
52.2822 Correctly revised.............*8617
52.2824 Correctly added................*8617

NOTE: Symbol (*) refers to 1974 page numbers.

1974–1975

(Regulations published from July 1, 1974 through June 30, 1975)

40 CFR

39 (40†) FR
Page

52.01 (d) revised; (f) added...........42514
52.02 (d) revised.............................33512
52.12 (c) revised.......................... † 26032
52.16 Amended.................................37987
52.20 Introductory text amended...34535
52.21 Revised.....................................42514
(c)(2)(i) corrected..........................†2802
(d)(1)(xix) added.........................†24535
(a), (b) (1), (6) and (7) and (c) (1), (2) (i) and (iii), (3)(ii)(*b*) and (vi)(*a*) revised...................†25005
(d) (1), (2)(i), (3) and (4)(iii), (e)(1)(vi), and (f)(2)(i) revised...†25005
(c) (2)(iii), (3)(ii)(*e*) and (vi)(*f*) added..†25005
52.22 (b) revised.............................25297
(b)(16) added..................................45015
52.23 Revised.....................................33512
52.26 Added.......................................34535
52.50 (c)(2) amended....................28528
(c)(2) amended...............†18733, 20084
52.55 Added.......................................35335
Revised...†10988
52.57 Added.......................................28528
52.59 Added.....................................†18733
52.60 Added.....................................†25006
52.73 Added.......................................34535
52.74 (c) added..................................34535
52.86 Suspended..............................†2586
52.95 Added.....................................†18734
52.96 Added.....................................†25006
52.129 (c)(7) and (d)(10) added... 28285
52.134 (b) table amended.............43277
(c) table amended.........................†3994
52.137 (a), (c), (d), (e), (g), and (h) revised.................................32112
52.138 (a) and (c) revised.............32112
52.139 Suspended...........................†2586
52.140 (e) added...............................32113
52.144 Added..................................†25006
52.178-52.179 Added.....................34536
52.181 Added..................................†25007
52.220 (c)(8) added......................†14070
52.233 (g)(7) added.........................28285
52.240 (e) added...............................36964
(e) table corrected..........................43281
(f)(1) added......................................†4268

NOTE: Symbol (†) refers to 1975 page numbers.

40 CFR—Continued

39 (40†) FR Page

(f)(1) table amended; (f)(2) added.... †14070
(f)(1) table corrected.... †24524
52.251 (g) corrected; (j) and (l) amended.... 38645
Suspended.... †258
52.255 (e) (2) and (3) amended.... 41253
52.256 (g) (1)-(3) compliance time extended; correction... †1127, 11874
52.269 Redesignated from 52.240 (38 FR 16564).... †3767
52.270 Added (as 52.269).... †25007
52.320 (c) revised.... 37194
(c)(5) amended.... †23752
52.327 Removed.... 37195
52.336 (e) (2) and (3) amended.... 41253
52.337 (g)(1)-(3) compliance time extended; correction... †1127, 11874
52.341 Added.... †23752
52.343 Added.... †25007
52.370 (c) amended.... †23752
52.375 Redesignated as 52.381.... 29177
52.376-52.377 Added.... 34536
52.377 Added.... 34536
(b) added.... †23280
52.379 Added.... †23752
52.380 Added.... †23280
52.381 Redesignated from 52.375.... 29177
52.382 Added.... †25007
52.432 Added.... †25007
52.470 (c)(3) revised.... †26274
52.476 (f) removed.... †16846
52.486 Removed.... †16846
52.487 (e)(2) and (3) amended.... 41253
Removed.... †26274
52.488 (g) (1)-(3) compliance time extended; correction... †1127, 11874
52.489 Removed.... †26275
52.493 Suspended.... †2586
52.499 Added.... †25007
52.520 (c) amended.... †11723
52.524 (c) table amended... †11724, 11725
52.525-52.526 Added.... 34536
52.530 Added.... †25007
52.570 (c)(4) added.... †13499
(c)(4) revised.... 18431, 18734
(c)(4) amended.... †21725
(c)(4) corrected.... 27447
52.576 Added.... †3413
(a) table amended.... †18431

40 CFR—Continued

39 (40†) FR Page

52.577-52.579 Added.... 34536
52.580 Added.... †18734
52.581 Added.... †25007
52.582 Added.... †13499
52.624-52.625 Added.... 34536
52.631 Added.... †18734
52.632 Added.... †25007
52.670 (d) added.... 41253
(c)(2) amended.... †4421
(c)(2) revised.... †10465
(c)(3) added.... †18734
52.674 (a) revised.... 41253
52.677 (b) and (c) tables amended.... †10465
52.679 Removed.... †4421
52.682 Added.... †18734
52.683 Added.... †25007
52.720 (c)(3) and (d) added.... 28155
52.726 Removed.... 28155
52.730 (c) and (d) added.... 28155
52.735 Added.... †23753
52.738 Added.... †25007
52.770 (d) added.... 28158
52.774 Added.... 34536
52.775 (b) added.... 34536
52.778 (c) and (d) added.... 28158
52.787 (h) (2) and (3) amended... 41253
52.792 Added.... †23753
52.793 Added.... †25007
52.820 (c) revised.... †15879
(c)(2) amended.... †18734
52.823 Removed.... 26423
Removed.... †15879
52.824 (a) removed.... 26423
52.825 (c) added.... 30835
(c) table amended.... †4271, 4272, 12509, 21726, 23746
(a) removed.... †15879
52.826 Removed.... †15879
52.832 Added.... †18734
Revised.... †23753
52.833 Added.... †25007
52.870 (d) revised.... †15880
52.876 (c) added.... 25320
(c)(1) amended.... 39436, 41177, 41180, 43278, 43279
(c)(2) added.... 39436
(c)(1) table amended.... †4269
(c)(2) introductory text revised.... 21728
(c)(1) and (2) tables amended.... †21728, 23757
52.884 Added.... †25008
52.920 (b) and (c) revised.... 29359

NOTE: Symbol (†) refers to 1975 page numbers.

40 CFR—Continued

39 (40†) FR Page

(c)(2) amended...†14071
52.925 Added...34536
52.927 (c) added...†3418
(c) table amended...†14071
52.928 Removed...29359
52.930 Added...29359
52.931 Added...†25008
52.982 Added...34536
52.983 Added...34536
52.985 Added; correctly designated...†18734, 27447
52.986 Added (as 52.985)...†25008
52.1020 (c) revised...33799
(c)(3) added...†18734
52.1028 Added...†18734
52.1029 Added...†25008
52.1070 (c) revised...†5523
52.1074 (c) added...34536
52.1080 (f) removed...†16846
52.1085 Removed...†16846
52.1086 (e) (2) and (3) amended...41253
52.1087 (g) compliance time extended; correction...†1127, 11874
52.1101 (e) (2) and (3) amended...41253
52.1102 (g) (1)-(3) compliance time extended; correction...†1127, 11874
52.1103 Suspended...†2586
52.1111 Suspended...†2586
52.1112 Removed...†5523
52.1113 Added...34536
52.1116 Added...†25008
52.1120 (c)(3) amended...†23753
52.1128 Revised...†25161
52.1133 Revised...34536
52.1134 Revised...†25162
52.1135 (d) suspended indefinitely...†2586
Revised...†25162
52.1136 Removed...†25163
52.1138 Revised...†25163
52.1139 Revised...†25164
52.1140 Revised...†25164
52.1141 Removed...†25165
52.1142 Removed...†25165
52.1143 Removed...†25165
52.1145 Revised...†25165
52.1147 (a) (2) and (3) revised...41253
(b) (1)-(3) compliance time extended; correction...†1127, 11874
52.1156 Added...34536
52.1157 Added...†23753
52.1160 Revised...†25166
52.1161 Added...†25166

40 CFR—Continued

39 (40†) FR Page

52.1162 Added...†25168
52.1163 Added...†25169
52.1164 Added...†25170
52.1165 Added (as 52.1161)...†25008
52.1170 (d) added...28158
(d)(2) added...32607
(c)(4) added...†23754
52.1175 (e) and (f) added...28158
(b) removed...28286
(e) amended...32607
52.1177 Table corrected...30352
52.1178 Added...†23754
52.1180 Added...†25008
52.1220 (c)(7) added...†23754
52.1229 Added...†23754
52.1234 Added...†25008
52.1270 (c)(2) amended...30127
(c)(2) amended...†3431
(c)(2) revised...†18734, 27447
52.1274 Added...30127
(a) table amended...†3431
52.1275 (b) added...34536
52.1277 Added...34536
52.1279 Added...†18735
52.1280 Added...†25008
52.1327 Removed...26423
52.1335 Added...30835
(a) table amended...†3567, 4270, 16845, 23758
(b) table amended...†3567
52.1339 Added...†25008
52.1370 (c)(2) amended...†23754
52.1378-52.1379 Added...34536
52.1381 Added...†23754
52.1382 Added...†25008
52.1420 (c)(1) amended...†23754
52.1425 (c) added...40951
52.1435 Added...†23755
52.1436 Added...†25008
52.1470 (c) revised...†5511, 13306
52.1473 (c) added...34537
52.1474 Added...34537
52.1475 Revised...†5511
52.1478 (b)(7) added...28285
(c) and (d) removed...†13307
52.1479 (b) removed...†5523
52.1480 Amended...†5517
52.1481 Revised...†5517
52.1482 (b) table amended; (c) table revised...†3995
52.1485 Added...†25009
52.1520 (c) amended...†23755
52.1526 Added...34537
52.1528 Added...†23755

NOTE: Symbol (†) refers to 1975 page numbers.

40 CFR—Continued

	39 (40†) FR Page
52.1529 Added	†25009
52.1574-52.1575 Added	34537
52.1586 Removed	40287
52.1587 (e) revised	†2802
52.1588 Suspended	†2586
52.1596 Removed	40287
52.1597 (a), (b)(1)-(3), and (c)(1) and (3) revised	40287
52.1598 (e)(2) and (3) amended	41253
52.1599 (g) (1)-(3) compliance time extended; correction	†1127, 11874
52.1603 Added	†25009
52.1620 (c)(3) added	†10466
52.1623 Added	34537
52.1624 (c)(1) and (2) corrected	†10993
52.1626 (a) revised; (d) removed	†10466
(e) added	†10993
52.1632 Added	34537
52.1633 Added	†23755
52.1634 Added	†25009
52.1670 (c)(4) added (as (c)(5))	30038
(c)(3) revised	33314
(c)(3); effective 7-2-75	†23745
52.1675 (a), (b), and (c) removed; (e) added	30038
(e) revised; effective 7-2-75	†23745
52.1677 (b) amended	33314
(b) and (d) amended	41254
52.1685-52.1686 Added	34537
52.1689 Added	†25009
52.1770 (c) amended	28880
(c) amended	†3441, 14074, 18735
52.1774 (a) table amended	†3442, 14074, 14082
(a) and table amended	†14074
52.1775 Removed	28880
52.1777 Added	†18735
52.1778 Added	†25009
52.1820 (c) added	†23755
52.1825-52.1826 Added	34537
52.1827 Added	†23755
52.1829 Added	†25009
52.1883 Added	†23755
52.1884 Added	†25009
52.1920 (c)(2) amended	†18735
52.1926 Added	34537
52.1927 Added	†18735
52.1929 Added	†25009
52.1970 (c) revised	†18735
(c)(2) revised; (c)(3) added	†24185
52.1983-52.1984 Added	34537
52.1986 Added	†18735
52.1987 Added	†25009

40 CFR—Continued

	39 (40†) FR Page
52.2020 (c) revised	†14596
52.2024-52.2025 Added	34537
52.2036 (a) table amended	30350, 36482, 41364
(a) table amended	†26676
52.2040 Suspended	†2586
52.2042 (e) (2) and (3) amended	41253
52.2048 Interpretation	†3995
52.2050 Interpretation	†3995
52.2051 Interpretation	†3996
52.2058 Added	†25009
52.2070 (c) revised	†18735
52.2077-52.2080 Correctly designated	37637
52.2082 Added	†18735
52.2083 Added	†25009
52.2120 (c)(4) amended	32330
(c)(4) revised	†18736
52.2123 (b) amended	†3569
52.2129 Added	†18736
52.2131 Added	†25009
52.2176 Added	†23756
52.2178 Added	†25010
52.2220 Amended	26892
(c)(4) amended	28529
(c)(4) amended	†3445, 3570
52.2223 (a)(1), (2)(vii), (3)(v), and (4) amended; (a)(8) added	28529
(c)(1) table amended	†3445
(f) added	†3445
(f)(1) table amended	†3570
52.2224 (c), (d), and (e) added	†25011
52.2231 Added	28529
Corrected	31903
52.2233 Added	†25010
52.2270 (c)(2) amended	†18736
52.2274 Added	24537
52.2287 (c) (1), (2) and (3) compliance dates suspended	†18437
(c)(4) compliance date suspended to 10-1-75	†24186
52.2288 (h) and (i) compliance time extended; correction	†1127, 10466, 11874
52.2289 (g) compliance time extended; correction	†1127, †10466, 11874
52.2292 (a)(3) added	27789
52.2300 Added	34537
52.2302 Added	†18736
52.2303 Added	†25010

NOTE: Symbol (†) refers to 1975 page numbers.

40 CFR—Continued

39 (40†) FR
Page

52.2322 (f) added.......32114
52.2327 (b) revised.......32114
52.2330 (c)(1) and (c) (4), (5), (6) and (7) revised.......32114
52.2331 Revised.......32116
52.2345 Added.......†23756
52.2346 Added.......†25010
52.2379 Added.......†18736
52.2380 Added.......†25010
52.2420 (c) revised.......40018, 41254
52.2423 (a) revised.......41254
52.2424 (b) added.......34537
52.2430 (c) added.......34537
52.2435 (d) removed.......†16846
52.2437 Removed.......†16846
52.2438 (e) (2) and (3) amended.......41253
52.2439 (g) compliance time extended; correction.......†1127, 11874
52.2443 Suspended.......†2586
52.2451 Added.......†25010
52.2470 (c)(1) revised.......40857
(c) revised.......†18736
(c)(1) revised.......†22255
52.2486 Revised.......40857
52.2495 Removed.......40855
52.2496 Added.......†18736
52.2497 Added.......†25010
52.2520 (c) revised.......31322
52.2524 (c) added.......†32560
(c) table amended.......†32560
52.2528 Added.......†25010
52.2570 (d) added.......28159
(d)(2) added.......32608
(c)(2) amended.......†23756
52.2578 (d) and (e) added.......28159
(d) and (e) amended.......32608
52.2580 Added.......†23756
52.2581 Added.......†25010
52.2620 (c) revised.......†23756
(d) revised.......†24505, 24726
Added; redesignated from 52.2625.......†24727
52.2625 (a) and (b) removed; (c) and (d) redesignated as (a) and (b).......†24727
Redesignated as 52.2623.......†24727
Added; redesignated from 52.2627.......†24727
52.2626 Removed.......†24726
52.2627 Added.......24504
(a) revised; (b) added.......†24727
Redesignated as 52.2625.......†24727
Added; redesignated from 52.2628.......†24727
52.2628 Table amended.......24505

40 CFR—Continued

39 (40†) FR
Page

Redesignated as 52.2627.......†24727
52.2629 Redesignated as 52.2626.......†24727
52.2630 Added.......†25010
52.2631 Added; correctly designated.......23756, 27447
52.2674 Added.......†18737
52.2676 Added.......†25010
52.2720 (c) added.......30834
(c) revised.......†18551, 18737
52.2724 Added.......30834
(a) amended.......†18551
52.2725—52.2726 Added.......34537
52.2728 Added.......†18737
52.2729 Added.......†25010
52.2778 Added.......†18738
52.2779 Added.......†25011
52.2826 Added.......†18738
52.2827 Added.......†25011
52 Appendix A added.......25300
Appendices D and E added.......†5517

1975–1976

(Regulations published July 1, 1975 through June 30, 1976)

40 CFR

40 (41Δ) FR
Page

52.21 (d)(1) introductory text amended; (d)(1)(xix) added; (d)(2)(i) corrected; (d)(5) clarified.......42012
52.22 (b)(16) revised.......28065
(a) amended.......40160
52.26 Removed.......Δ 18511
52.50 (c)(2) revised.......39505
(c) revised.......Δ 8957
(c)(12) added.......Δ 19221
(c)(13) added.......Δ 21638
52.70 (c) revised.......Δ 8957
52.73 (b) added.......55327
52.120 (c) revised.......41948
(c) revised.......Δ 8957
52.129 (c)(8), (d)(11), and (g) added; (c)(4) and (d)(4) revised.......50268
52.134 Amendment corrected.......52847
52.139 Suspended indefinitely.......29714
52.143 Added.......41948
52.170 (c) revised.......Δ 8957
52.178 (b) added.......55328
52.181 Added.......41948
Correctly designated as 52.182.......Δ 22816

Note: Symbol (†) refers to 1975 page numbers.

Note: Symbol (Δ) refers to 1976 page numbers.

40 CFR—Continued

40 (41Δ) FR Page

52.182 Correctly designated from 52.181....Δ 22816
52.220 (c)(8) revised....29713
(c)(1) amended....41948
(c)(3) correctly designated....57359
(c) revised....Δ 8957
(c)(19) added....Δ 15328
52.224 Revised....55328
52.231 Removed....Δ 15328
52.233 (f)(11), (g)(8), and (j) added; (f)(4) and (g)(4) revised....50269
52.240 (f)(1) table amended....29713
52.251 Suspended indefinitely....29714
52.254 (i)(5)(i) corrected....33034
52.255 (c)(3) (iii) and (iv) and (e)(5) revised; (c)(3) (v) to (vii) added....Δ9340
52.267 Added....41948
(a)(1)(ii) corrected....59728
52.269 Technical correction....42012
52.270 Correctly designated from 52.269....42012
52.320 (c) revised....Δ8958
52.370 (c) amended....Δ6766
(c) revised....Δ8958
(c)(6) added....Δ16461
52.375 Removed....Δ6766
52.376 Removed....55328
52.377 Removed....55328
52.420 (c) revised....Δ8958
(c)(8) revised....Δ12012
52.431 Added....41949
52.470 (c) revised....Δ8958
(c)(8) added....Δ19310
52.493 Suspended indefinitely....29714
52.497 Added....41949
52.520 (c) amended....41949
(c) revised....49328
(c) revised....Δ8958
(c)(15) added....Δ16462
(c)(16) added....Δ19947
Technical correction....Δ22351
52.523 Added....Δ16462
52.525 (b) added....55328
52.529 Added....41949
52.570 (c)(4) amended....41949, 42351, 45818
(c) revised....Δ8959
52.576 (a) table amended....42352
52.580 Revised....41949
52.581 (c) added....Δ24885
52.582 Removed....45818
52.620 (c) revised....Δ8959
52.624 (b) added....55329

40 CFR—Continued

40 (41Δ) FR Page

52.670 (c)(2) revised....33215, 51196, 53588
(c) revised; (d) removed....Δ8959
(c)(15) added; eff. 7-9-76....Δ23202
52.672 (c) added; eff. 7-9-76....Δ23202
52.675 Added; eff. 7-9-76....Δ23202
52.676 Revised....53588
52.677 (d)(3) and (d)(4) removed; eff. 7-9-76....Δ23202
52.680 Footnote (d) revised; footnote (e) added....53590
Amended....53590
Amended; eff. 7-9-76....Δ23203
Footnote (f) added; eff. 7-9-76....Δ23203
52.720 (c) revised; (d) removed....Δ8959
52.770—52.793 (Subpart P) Plan revisions disapproved....Δ18654
52.770 (d)(2) added....50023
(c)(5) revised....55329
(c) revised; (d) removed....Δ8960
52.771 Existing text designated as (a); (b) added....50023
52.774 Removed....55329
52.775 (b) removed....55329
52.776 (c) added....50033
52.780 (d)(11) and (g) added; (d)(4) revised....50270
52.781 (e) added....50033
52.791 Removed....Δ18511
52.794 Added....50033
(a) correctly designated....Δ3475
52.820 (c) revised....Δ8960
52.825 (c) table amended....33453, 43215
52.870 (c) revised....Δ8960
52.876 (c) (1) and (2) tables amended....30962
(c)(2) introductory text....42190
(c)(1) table amended....43216
52.883 Added....41950
52.920 (c)(2) amended....41950
(c) revised....Δ8960
(c)(1) added....Δ19106
52.926 Table amended....Δ19106
52.927 (c) added....29541
(b) added....40160
Technical correction....42357
52.928 Added....Δ19106
52.929 Added....41950
52.930 Removed....Δ19106
52.932 Added....Δ19106
52.970 (c) revised....Δ8960
52.982 (b) revised....55329

NOTE: Symbol (Δ) refers to 1976 page numbers.

40 CFR—Continued

40 (41Δ) FR Page

52.985 Technical correction........ 42012
52.986 Correctly designated from 52.985........ 42012
52.1020 (c) revised; (d) removed........ Δ8961
52.1070 (c)(4) added........ 56889
(c)(4) revised........ Δ8770
(c) revised........ Δ8961
(c)(13) removed (correction); (c) (14) and (15) correctly redesignated as (c) (13) and (14)....Δ13583
(c) (13) and (14) redesignated as (c) (14) and (15); new (c) (13) and (16) added........ Δ26902
52.1073 (b) and (d) revised........ Δ26902
52.1080 (b) (1), (2) (i) and (vii) and (3) (iv) and (v) revised........ 56889
52.1081 (d) amended........ Δ26902
52.1086 (d)(4) added; (e)(5) and (h) revised........ Δ26902
52.1101 (d)(4) added; (e)(5) and (h) revised........ Δ26902
52.1103 Suspended indefinitely........ 29714
52.1111 Suspended indefinitely........ 29714
Correctly designated........ Δ23716
52.1113 (b) added........ 55329
52.1115 Added........ 41950
52.1117 Added........ 56889
(b) added........ Δ8770
52.1120 (c) amended........ 56890
(c) revised........ Δ8961
52.1124 Correctly reissued........ 47495
52.1130 (b) removed........ 55329
52.1135 (m) amended........ 39863
Effective date added........ Δ10223
52.1144 (a) to (c) effective date added........ Δ10223
52.1147 (a)(5) amended........ Δ10224
52.1156 (b) added........ 55329
52.1157 (a) (3)(ii) and (4)(ii) corrected........ 33973
52.1161 Technical correction........ 42012
52.1165 Correctly designated from 52.1161........ 40212
Effective date added........ Δ10223
52.1170 (c) revised; (d) removed........ Δ8961
52.1176 (b)(8) and (e) added; (b)(4) revised........ 50270
52.1220 (c) revised; (d) removed........ Δ8962
52.1224 (b) revised........ 55330
52.1270 (c)(2) amended........ 42354

40 CFR—Continued

40 (41Δ) FR Page

(c) revised........ Δ8962
52.1274 (a) table amended........ 42355
52.1277 (b) added........ 55330
52.1320 (c)(1) amended........ 41950
(c) revised........ Δ8962
52.1324 (b) revised........ 55330
52.1338 Added........ 41950
52.1370 (d) added........ 43217
(c) revised; (d) removed........ Δ8962
52.1378 (b) added........ 55331
52.1383 Added........ 43217
52.1420 (c) amended........ 41779
(c) revised........ Δ8962
(c) (10) through (18) added........ Δ25898
52.1423 (b) revised........ 55331
Removed........ Δ25898
52.1424 Revised........ Δ25898
52.1425 Removed........ 41779
Added........ Δ22350
52.1428 Removed........ 41779
52.1429 (f) removed........ 55331
52.1431 Table amended........ 41779
52.1432 Removed........ 41779
52.1470 (c) revised........ Δ8963
52.1473 (b) revised........ 55331
52.1478 (b)(7) and (c) added; (b)(4) revised........ 50271
52.1479 (c) removed........ 55331
52.1483 Added........ 41950
52.1520 (d) amended........ 53999
(d) amended........ Δ3085, 11820
(c) revised; (d) removed........ Δ8963
(c)(11) added........ Δ16461
52.1570 (c) revised........ Δ8963
(c) (8) and (9) added........ Δ16949
52.1574 (b) added........ 55331
52.1577 (e) added........ 30962
52.1588 Suspended indefinitely........ 29714
52.1590 Revised........ Δ3476
Amended (Approval action).....Δ18079
52.1602 Added........ 41951
52.1620 (c)(4) added........ Δ8058
(c) revised........ Δ8963
(c)(8) added; correction........ Δ18077
52.1623 (b) added........ 55332
52.1624 (a)(1), (b)(1) and (c) removed........ Δ8058
52.1626 (c) and (e) removed........ Δ8058
52.1670 (c)(3) revised........ 41951, 42543, 50718
(c)(5) correctly designated as (c)(4)........ 46310
(c) revised........ Δ8963
52.1680 Removed........ 42543

Note: Symbol (Δ) refers to 1976 page numbers.

40 CFR—Continued

40 (41Δ) FR Page

52.1685 (b) added.......... 55332
52.1688 Added.......... 41951
(a)(10)(ii) corrected.......... 45817
(a)(1)(ii) and (a)(6)(ii) corrected.......... 59729
52.1770 (c) amended.......... 41780
(c) revised.......... Δ8964
(c)(15) added.......... Δ25899
52.1774 (a) table amended... 41780, 41786
52.1820 (c) added.......... 59438
(c) revised.......... Δ8964
52.1823 Table amended.......... 59438
52.1825 (b) added.......... 55332
52.1830 Added.......... 59438
52.1870 (c) revised; (d) removed.......... Δ8964
52.1883 (b) revised.......... 41952
52.1920 (c) revised.......... Δ8965
52.1926 (b) added.......... 55333
52.1970 (c) (2) and (3) revised...... 33216
(c)(2) revised.......... 48680
(c)(2) revised.......... Δ5281, 8059
(c) revised.......... Δ8965
(c) (18) and (19) added.......... Δ16950
(c)(20) added.......... Δ24586
52.1975 (c) (3), (4), and (5) removed; (c)(6) revised.......... 33216
52.1982 Removed.......... Δ8059
52.1983 Removed.......... Δ8770
52.1984 Removed.......... Δ8770
52.2020 (c)(2) revised.......... 41788
(c)(4) added.......... 54000
(c) revised.......... Δ8965
(c)(4) revised and (14) added.... Δ18078
(c)(4) revised (3-2-76 amendment reinstated).......... Δ42675
52.2024 (b) added.......... 55333
52.2025 Revised.......... 55333
52.2034 Table amended.......... Δ18079
52.2040 Suspended indefinitely.......... 29714
52.2056 Added.......... 41952
52.2070 (d) amended (two documents).......... 51044
(c) amended.......... Δ2232
(c) revised; (d) removed.......... Δ8965
(c)(10) added.......... Δ16461
52.2073 (b) revised.......... Δ2232
52.2075 (a) and (b) revised.......... Δ2232
52.2120 (c) revised.......... Δ8966
(c)(8) added.......... Δ10065
52.2124 (a), (b) and (c) removed.......... Δ10065
52.2170 (c) revised.......... Δ8966

Note: Symbol (Δ) refers to 1976 page numbers.

40 CFR—Continued

40 (41Δ) FR Page

52.2220 (c) revised.......... Δ8966
52.2224 (c)(2) added.......... 36335
(c)(1) corrected.......... Δ1913
52.2232 Added.......... 41953
52.2270 (c) revised.......... Δ8966
52.2285 (e)(3) compliance date suspended to 6-30-76; (e)(4) compliance date suspended to 8-13-76.......... Δ9548
52.2287 (c)(4) suspended until 3-1-76 or final amendments....... 47765
(c)(4) compliance date suspended to 5-31-77.......... Δ9548
52.2300 Removed.......... Δ7509
52.2320 (c) revised.......... 54788
(c) revised.......... Δ8967
52.2324 Removed.......... 54788
52.2325 (c) and (d) added.......... 54788
52.2330 (c)(1)(iv) revised.......... 56891
52.2334 (a)(4) revised; (a)(10) and (b) added.......... Δ7508
52.2370 (c) amended.......... Δ3086
(c) revised.......... Δ8967
(c) (4) and (5) added.......... Δ16461
52.2374 (b) revised.......... 55333
52.2420 (c)(2) amended.......... 41953
(c) revised.......... Δ8967
52.2435 (g) added.......... 33450
52.2443 Suspended indefinitely.......... 29714
52.2449 Added.......... 41953
(a)(1) corrected.......... 45817
52.2470 (c)(2) revised.......... 50267
(c) revised.......... Δ8967
(c)(15) added.......... Δ21323
52.2474 Added.......... 55334
52.2520 (c)(2) added.......... 41953
(c) revised.......... 52374
(c)(2) revised.......... 52375
(c) revised.......... Δ8967
52.2525 Removed.......... 52375
52.2526 Added.......... 41953
52.2570 (c) revised; (d) removed.......... Δ8968
52.2573 (b) revised.......... 55334
52.2620 (c) revised; (d) removed.......... Δ8968
52.2625 (a) table corrected.......... 33034
52.2670 (c) revised.......... Δ8968
52.2720 (c) revised.......... 39862, 42194
(c)(3) revised.......... 59204
(c) revised.......... Δ8968
52.2724 Corrected to read: 52-2730.......... 32329
52.2725 (b) added.......... 55334

40 CFR—Continued

40 (41Δ) FR Page

52.2730 Correctly designated from 52.2724.......32329
52.2731 Added.......42194
Correctly designated.......Δ24586
52.2770 (c)(3) added.......42013
(c)(3) amended.......59204
(c) revised.......Δ8968
52.2775 (a) through (d) removed; (e) through (g) added.......42013
52.2820 (c) revised.......Δ8969

1976–1977

(Regulations published July 1, 1976 through June 30, 1977)

40 CFR

41 (42*) FR Page

52.50 (c)(14) added.......42674
(c)(15) added.......55530
52.57 Revised.......42674
52.60 (c) added.......*22869
52.70 (c) (3) through (5) added.......49636
(c)(6) added.......*8375
52.84 (b) table amended; (c) revised.......49636
(b) table amended.......*8376
52.120 (c)(10) added.......*23802
52.132 (c)(1) amended; (d) introductory text, (1), (2), (3), and (5) revised; (c)(1) (i), (ii), (iii) and (iv), (2), (3), and (d)(4) removed; (d) (6) and (7) redesignated as (d-1) and (d-2) and revised; (d)(8) redesignated as (d-3) and republished.......*30506
52.170 (c) (4) and (5) added.......43904
52.173 Removed.......43904
52.220 (c)(31) revised.......53662
(c) (21), (24), (26), (28), and 31 added.......*8377
(c)(20), (21)(v), (22), (24)(ii), (26)(ii), (30), and (32) added.......*23802
(c)(21) (viii) through (xi), (23), (24)(v), (26) (iii) through (v), (27), (28)(iii), (30) (ii) and (iii), and (31)(iv) added.......*23803
(c)(21)(xii)(A) and (28)(iv)(A) added.......*23804
(c)(21)(xxii) and (vi), and (24)(iii), (28)(ii), and (31)(iii) added.......*23805
(c)(21)(xx)(A) and (26)(ix)(A) revised.......*23806

Note: Symbol (Δ) refers to 1976 page numbers.

Note: Symbol (*) refers to 1977 page numbers.

40 CFR—Continued

41 (42*) FR Page

(c)(21)(vii), (24)(iv), (27)(i), and (32)(ii) revised.......*25501
(c) amended.......*28123
(c)(21)(xxiv), (xxv) and (xxvi), (23)(ii), (26)(xiii), and (31)(i)(B) added.......*28884
52.224 (a) and (b)(1) revised.......*8377
(a)(2) (ii) and (iii) revised.......23803
(a)(5)(iii) added.......*23804
(a)(3)(i) and (4)(i) revised.......*23805
(a)(2)(iv) revised.......*23806
(a)(5)(i) revised.......*25501
(a)(2)(vi) added.......*28123
(a)(7)(i) added.......*28884
52.226 (b)(2) revised.......*23804
52.233 (d)(1) and (g)(1)(i) removed.......53662
52.234 (a) and (d) revised.......*23804
(a)(3)(i) added.......*23806
52.241 Removed.......45565
52.242 (c), (d), (e), and (f) revised.......*30506
52.246 (b) revised.......*23805, 28123
52.252 (b) revised.......*23805, 28123
52.253 (b) revised.......*28123
52.254 (a) revised.......*25501
(a)(3) amended.......*28123
52.255 (c)(3) (iii) through (vii) amended.......56643
52.260 Removed.......*23805
52.269 (b) revised.......*23804
52.330 Removed.......45565
52.336 (c)(3)(iv) added.......56643
(c)(3)(iv) amended.......*29004
52.381 Correctly removed.......38166
52.420 (c)(10) added.......*17877
52.470 (c)(8) revised.......53326
52.476 (b)(2)(vii), (3) (iv) and (v), and (5)(iii) revised.......53326
(g) removed.......*7958
52.482 Removed.......*30507
52.490 (c), (d), (e), and (f) revised.......*30507
52.570 (c)(16) added.......35185
52.577 Removed.......35185
52.578 Removed.......35185
52.583 Added.......35185
52.770 (c) (13) and (14) revised; (c)(15) added.......35677
52.771 (c) and (d) added.......35677
52.777 (b) added.......35677
52.787 (e) revised.......56643
(e) amended.......*29004
52.795 Added.......35677
52.820 (c) revised.......43407

40 CFR—Continued

41 (42*) FR Page

(c) (25) and (26) added............... *27893
52.829 Removed............................ 42953
52.1070 (c)(16) added..................... 31535
(c)(15) revised; (c)(18) added...... 54757
(c)(16) revised; (c)(17) added...... 56804
52.1080 (b) removed....................... 54757
(g) and (j) removed....................... *7958
52.1086 (c)(3)(iv) added.................. 56643
(c)(3)(iv) amended........................ *29004
52.1089 (c), (d), (e), and (f) revised.. *30507
52.1095 (c), (d), (e), and (f) revised.. *30508
52.1101 (c)(3)(iv) added.................. 56643
(c)(3)(iv) amended........................ *29004
52.1110 Removed........................... 45565
52.1117 (a) removed....................... 54757
52.1120 Amended........................... 44395
(c) amended................................. 56805
(c) amended................................. *5977
Amended...................................... *6812
(c) amended................................. *9177
(c)(11) added................................ *25731
52.1126 (e) added.......................... 56805
(b) added...................................... *5977
(c) added...................................... *9177
(c) revised.................................... *25731
52.1131 Removed........................... 42953
(a) amended................................. 44395
Amended...................................... *6812
Correctly removed[1]..................... *37978
52.1147 (a)(5)(i) added.................. 56643
(a)(5)(i) amended......................... *29005
52.1170 (c)(13) added.................... *8638
52.1176 (a) and (b) removed......... *8738
52.1320 (c) (11) and (12) added... *28539
52.1335 (a) table amended...*16139, 18540
52.1420 (c) (19) and (20) added.. *25505
52.1425 (a) table amended...52456, 16140
52.1570 (c) (10) and (11) added.... 27833
(c)(12) added................................ 28492
(c)(13) added................................ 43408
(c)(14) added................................ 50823
(c)(15) added................................ 55715
(c)(16) added................................ *7138
52.1590 (f) approval statement... *3841
(o) added...................................... *13826
52.1592 Removed........................... 45565
52.1594 Removed........................... 27833
52.1595 Revised............................. 27833

40 CFR—Continued

41 (42*) FR Page

52.1598 (c)(3)(iv) added................. 56643
(c)(3)(iv) amended....................... *29005
52.1620 (c)(8) revised.................... 34749
52.1621 Table amended.............. *20131
52.1624 (a)(1) and (b)(1) revised.. 34749
52.1670 (c) (30) and (31) added.... 29818
(c) (30) and (31) amended........... 34259
(c)(32) added................................ *25504
52.1770 (c)(16) added.................. *20132
(c)(17) added................................ *20133
52.1778 (c) added.......................... 56805
52.1820 (c) (6) and (7) added...... *26978
52.1825 Removed......................... *25978
52.1826 Removed......................... *26978
52.1829 Revised........................... *26978
52.1870 (c) (10) and (11) added.... 41692
52.1875 Table amended; footnotes f and g added................... 36327
Existing text designated as (a) and table and footnotes amended; (b) added.................. 41692
Table footnote f revised............ *27589
52.1881 (b) added.......................... 36328
(b)(12)(v), (23)(iii)(C), (35)(ix), and (36)(v) added; (b) (23)(iii)(B), (xi), (xvii) and (xix), (29)(i) and (ii), (31)(i), (35)(viii), (38)(vii)(A), (46)(ii), and (49)(ii) revised.................... 52455
(b)(1)(iii), (14) (ii) and (iii), (17), and (21) revised....................... *27589
(b)(30)(iv), (39) (iii), (iv), and (vi) through (xi) and (xiv) revised; (b)(39)(v) removed....... *27590
(b)(40)(iii), (47)(ii), (51) (i) and (ii), (58) (vi) and (ix), (59) (vi), (vii), (viii), (ix), (xi), (xii), and (60) (iii) and (iv) revised; b(40)(vii) and (59)(xiv) added... *27591
(b)(63)(ii) revised....................... *27592
52.1882 Added.............................. 36339
(b) added...................................... *27592
52.1920 (c)(7) added...................... 32890
52.1970 (c) (21) and (22) added.... *9665
(c)(23) through (25) added........ *20132
52.1973 Amended......................... *20132
(c)(10) removed........................... 53326
52.2020 (c)(4) corrected................ 42675
52.2042 (c)(3)(iv) added................ 56643
(c)(3)(iv) amended....................... *29005
52.2079 Removed.......................... 42953
52.2131 (c) added.......................... *4124
52.2170 (c)(4) added...................... 32744

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[1] Correction published July 26, 1977.

NOTE: Symbol (*) refers to 1977 page numbers.

40 CFR—Continued

41 (42*) FR Page

52.2220 (c)(27) added... *10995
52.2223 (a)(1), (2)(vii), (3)(v) and (4) amended; (a)(8) removed... *10995
52.2231 Removed... *10995
52.2270 (c)(9) and (10) added... *20131
(c)(11) added... *20463
(c)(11) revised; (c)(12) added... *27894
52.2271 Table designated as (a) and amended; (b) added... *20131
(c) added... *27894
52.2284 Compliance dates suspended... 50446
52.2285 (c)(3)(iv) added... 56643
(c)(3)(iv) amended... *29005
52.2287 Compliance dates suspended... 50446
52.2293 Removed... 45565
52.2320 (c)(5) added... *21472
52.2325 (a) amended... *21472
(e) added... *21474
52.2370 (c)(6) added... *6812
52.2428 (c) removed... 35676
52.2435 (e) removed... *7958
52.2438 (c)(3)(iv) added... *29005
52.2441 (c), (d), (e), and (f) revised... *30508
52.2520-52.2528 (Subpart XX) Reaffirmed... 42672
52.2520 (c)(8) added... 51018
52.2620 (c)(9) added... 36653
52.2624 Removed... 36653
52.2625 Revised... 36653
52.2720 (c)(25) added... 51017
52.2770 (c)(3) and (4) revised... 28492
(c)(6) and (7) correctly added and revised... 36810
(c)(8) added... 55531
52.2780 Added... 28493
(b) revised; (c) added... 55531

1977–1978

(Regulations published July 1, 1977 through June 30, 1978)

40 CFR

42 (43†) FR Page

1—610 (Chapter I) Appendix A added... 60912
52.01 (f) removed... †26410
52.21 (b)(7), (c)(2), and (c)(3)(i), (v)(*a*), and (vi)(*a*); revised; (b)(8) and (9) added... 57461
(b)(8) corrected... 59500

40 CFR—Continued

42 (43†) FR Page

Revised... †26403
52.50 (c)(17) added... 44235
(c)(16) added... 55811
52.60 (a) and (b) revised... †26410
52.96 Revised... †26410
52.120 (c)(11) added... 36999
(c) (9), (10), and (11) redesignated as (12), (14), and (15); new (9), (10), (11), and (13) added... 46926
52.125 (h) added... 36999
(d) added... †759
Authority citation added... †760
(e) added... †6945
52.126 (b) introductory text and (a) revised... 46926
52.130 (d) added... 46926
52.131 Table amended; footnote (b) revised; footnote (f) removed... †761
52.144 Revised... †26410
52.181 Revised... †26410
52.220 (c)(24) (iii)(B) and (ix), (29)(ii) through (iv), (30)(vi)(C), (31)(v)(B) and (31)(vi) through (xii), (32)(iii) and (35) (i)(B) and (ii) through (iv) added; (c)(27)(iv), (29)(v) introductory text (A) and (30)(ix) revised... 37977
(c)(35)(vii)(A) added... 39664
(c)(19) removed... 40695
(c) (21)(xiii), (25)(v), (29)(vi), (31)(xiii), and (35)(iii)(B) added; (24)(x) introductory text and (A) revised... 41121
(c) (20), (21)(xiv) through (xxviii), and (23) (ii) and (iii) removed... 42224
(c) (21) (i) through (v) and (vii) through (xii), (22)(i), (23) (i), (24) (iv) through (viii), (26) (iii) through (v), (x) through (xiii), (27)(i), (28) (iii) and (iv), (30)(iii) and (32)(ii) revised... 42224
(c) (25), (26)(vi) through (xii), (27)(iii), (28) (v) through (ix), (29) introductory text and (i) and (ii)(B), (30) (iv), (v) and (vi)(A) and (vii) and (viii), (31)(i) introductory text and (C) through (E) and (v) added... 42224

NOTE: Symbol (*) refers to 1977 page numbers.

NOTE: Symbol (†) refers to 1978 page numbers.

40 CFR—Continued	42 (43†) FR Page
(c)(35)(vi) added	47556
(c)(35)(v) added	53962
(c)(35)(i)(A) added	53963
(c)(35)(x) and (37)(ii) added	56113
(c)(25)(vii), (26)(xv) and (35)(xi) added	56606
(c)(21)(ix)(B), (24)(v)(B), (vi)(B) and (vii)(B), (x)(B), (26)(iv)(B), (viii)(B), (xiii)(B), (xvi), (31)(xvi), (xviii), (32)(iii)(B), (35)(vi)(B), (ix), (xii)(B), (xiii) through (xvii), (37)(i)(B), (iv), (v), and (39) added	†3277
(c)(35)(vii) added	†3279
(c)(35)(xiii) added	†11817
(c)(21)(xvi), (23)(ii), (27)(x), (30)(xi) and (31)(vii)(B) added	†11819
(c)(39)(iv) added	†13879
(c)(38) added	†22721
(c)(39)(v) added; eff. 7-14-78	†25673
(c)(27)(viii) and (c)(32)(vi) added; eff. 7-14-78	†25675
(c)(21)(xiv), (24)(ix)(B), (26)(xiv) and (31)(xiv) added; eff. 7-14-78	†25676
(c)(35)(ix)(C) added; eff. 7-14-78	†25679
(c)(21)(iv) (C) and (D) added; eff. 7-14-78	†25680
(c)(26)(xvi) (B) and (C) and (32)(v) added; eff. 7-14-78	†25681
(c)(31)(xviii) (B) and (C) added; eff. 7-14-78	†25683
(c)(26)(vii) added; eff. 7-14-78	†25684
(c)(21)(xv), (27)(v) and (vi), (28)(x), (30)(x), (31)(vi) (B), (32)(iv) and (37)(i) (A) added; eff. 7-14-78	†25686
(c)(27)(vii) and (31)(xv) added; eff. 7-14-78	†25689
(c)(32)(iii) (C) and (D) added; eff. 7-14-78	†25691
52.224 (a)(8) added	41122
(a)(1)(ii), (2)(v), (4)(ii) and (5)(ii) and (iv) through (ix), and (6) added	42225
(a)(9) added	56606
(a)(2)(ii) revised; eff. 7-14-78	†25677
(a)(2)(iii) revised; eff. 7-14-78	†25679
(a) revised; eff. 7-14-78	†25691
52.226 (b) revised	42225
(b)(9)(i) added	47556
(b)(4)(ii) added	†3279
(b)(10) added; eff. 7-14-78	†25691
52.227 (b)(3) and (c) added; eff. 7-14-78	†25687
52.229 (b) and (c) added; eff. 7-14-78	†25687
52.230 Revised; eff. 7-14-78	†24687
52.231 Reinstated	40695
Revised	42225
(a)(2)(ii) revised	47557
Heading and (a)(2)(ii) revised	†11819
(a)(3) revised; eff. 7-14-78	†25681
52.234 (a)(4) added	41122
(a)(2)(ii) added	42226
(d) (2) and (3) correctly reinstated	†18174
(a)(3)(iv) added; eff. 7-14-78	†25675
(a) introductory text revised; (a)(1)(iii) added; eff. 7-14-78	†25679
(a)(3)(iii) added; eff. 7-14-78	†25681
(a)(2)(iii) added; eff. 7-14-78	†25683
(a)(3)(ii) added; eff. 7-14-78	†25689
52.236 Added	39664
(b) (3)(ii) and (4) added	†11817
(c) added; eff. 7-14-78	25691
52.246 (b)(2) added	41122
(b) introductory text and (1) revised	42226
52.252 (b)(2) added	41122
(b) introductory text and (1) revised	42226
52.253 (b)(2) added	41122
52.254 (a)(1) (ii) through (v) and (2) added	42226
(a)(3)(ii) added; eff. 7-14-78	†25677
(a)(1)(vi) added; eff. 7-14-78	†25691
52.255 (b), (c)(3)(v), (d)(1) and (2) revised; (c)(3) (vi) and (vii) removed; (d) (4) and (5) added	37977
(b) revised; eff. 7-14-78	†25673
52.269 (b)(1)(i) revised; (b)(1)(ii) added	42226
Heading revised; (c) added; eff. 7-14-78	†25673
52.270 Revised	†26410
52.271 Added	†3277
52.272 Added	42226
(a)(3) added; eff. 7-14-78	†25680
(a)(2) added; eff. 7-14-78	†25687
52.273 Added	41122
(a)(3)(ii) added	47557

NOTE: Symbol (†) refers to 1978 page numbers.

40 CFR—Continued

42 (43†) FR Page

(a)(3) added....53962
(a)(1) added....53963
(a)(5) added....56606
(a)(3)(v) and (7) added....†11817
(a)(6)(ii) and (b) added....†11819
(a)(1)(iv) added; eff. 7-14-78....†25677
(a)(4) and (b)(3) added; eff. 7-14-78....†25679
(a)(1)(iii) added; eff. 7-14-78....†25682
(a)(3)(iv) added; eff. 7-14-78....†25683
(a)(1)(ii) added; eff. 7-14-78....†25689
(a)(3)(iii) and (b)(2) added; eff. 7-14-78....†25691
52.274 Added....†22721
52.275 (b) added; eff. 7-14-78....†25675
(b)(3) added; eff. 7-14-78....†25679
(b) introductory text and (1) added; eff. 7-14-78....†25683
(b)(2)(ii) added; eff. 7-14-78....†25689
52.276 Added....56606
52.277 Added....56606
52.280 Added; eff. 7-14-78....†25677
(a)(1) added; eff. 7-14-78....†25684
52.343 Revised....†26410
52.382 Revised....†26410
52.432 Revised....†26410
52.470 (c)(7) revised....49812
(c)(7) revised....†16178
52.488 Removed....†16178
52.499 Revised....†26410
52.520 (c)(17) added....57125
52.530 Revised....†26410
52.581 (a) and (b) revised....†26410
52.632 Revised....†26410
52.676 (b)(6) added....58173
52.683 Revised....†26410
52.720 (c)(12) added....39665
52.738 Revised....†26410
52.770 (c)(12) revised; (c)(16) added....34518
(c)(17) and (18) added; eff. 7-24-78....†26722
52.771 (c) revised....34519
52.781 (f) added; eff. 7-24-78....†26722
52.793 Revised....†26410
52.795 (b) added....34519
52.796 Added; eff. 7-24-78....†26722
52.833 Revised....†26410
52.884 Revised....†26410
52.920 (c)(11) added....†3361
52.931 (c) added....†3361
(a) and (b) revised....†26410
52.970 (c)(6) added....37000
(c)(7) added....37549
52.980 Added....37549

Note: Symbol (†) refers to 1978 page numbers.

40 CFR—Continued

42 (43†) FR Page

52.986 Revised....†26410
52.1020 (c)(6) and (7) added....†14964
(c)(8) added....†15424
52.1025 (b) and (c) added....†14964
(d) added....†15424
52.1029 Revised....†26410
52.1070 (c)(19) through (21) added....†22719
52.1116 Revised....†26410
52.1120 (c)(8) revised....35834
(c)(6) revised....42218
(c)(12) added....44236
Technical correction....†1070
(c)(14) added....†11816
(c)(13) added....†12325
(c)(15) added....†22358
(c)(8) through (10) revised....†26574
52.1126 (e) revised....35834
(f) added....42218
(d) added....44236
(d) revised....†1795
(g) added....†12325
(b) and (e) amended....†26574
52.1131 (a) corrected....37978
52.1165 Revised....†26410
52.1180 Revised....†26410
52.1224 (b)(5) added; eff. 10-6-77....†10
52.1234 (c) added; eff. 10-6-77....†10
(a) and (b) revised....†26410
52.1270 (c)(8) and (9) added....†22358
52.1280 Revised....†26410
52.1335 (b) table amended....†25692
28204
52.1339 Revised....†26410
52.1382 (c) added....40697
(a) and (b) revised....†26410
52.1436 Revised....†26410
52.1470 (c)(6) through (9) revised; (c)(11) added....†1342
(c)(10) added....†3278
52.1473 (a) amended; (c) removed....†1342
52.1474 Removed....†3278
52.1477 Removed....†1343
52.1484 Added....†1343
52.1485 Revised....†26410
52.1486 Added....†1343
52.1487 Added....†1343
52.1529 Revised....†26410
52.1603 Revised....†26410
52.1620 (c)(9) added....53963
52.1633 Removed....53963
52.1634 Revised....†26410
52.1670 (c)(33) added....43079

40 CFR—Continued

42 (43†) FR Page

(c)(34) added.......... 56607
(c)(35) added.......... 58520
Authority citation and (c)(36) added.......... 61453
(c)(37) added.......... †17358
(c)(38) added.......... †17359
52.1685 Removed.......... 58520
52.1686 Removed.......... 58520
52.1689 Revised.......... †26410
52.1778 Revised.......... †26410
52.1820 (c)(8) added.......... 37550
(c)(9) added.......... 55471
52.1829 (a) and (b) revised.......... †26410
52.1830 Table amended.......... 37551
52.1870 (c)(13) added.......... †4259
(c)(12) added.......... †4611
52.1880 (b) added.......... †4259
(c) correctly added.......... †4611, 16736
52.1884 Revised.......... †26410
52.1919 (a) and (b) revised.......... †26410
52.1920 (c)(8) added.......... 39389
(c)(9) added.......... 55472
(c)(10) added.......... 63782
(c)(9) revised.......... †9275
(c)(11) added.......... †13574
52.1926 Removed.......... 39389
52.1931 Added.......... 63782
52.1932 Added.......... †13574
52.1987 Revised.......... †26410
52.2020 (c)(15) added.......... 54417
52.2054 Added.......... 54417
Technical correction.......... †1070
52.2058 Revised.......... †26410
52.2083 Revised.......... †26410
52.2131 (a) and (b) revised.......... †26410
52.2178 Revised.......... †26410
52.2220 (c)(28) Added.......... †11820
52.2233 (c) added.......... 36456
(a) and (b) revised.......... †26410
52.2270 (c)(14) added.......... 34518
(c)(13) added.......... 37380
(c)(15) added.......... †9276
52.2272 Revised.......... 37380
52.2275 Revised.......... 37380
52.2279 Table amended.......... 37380
52.2283 (a), (b) (1), (2), (3) and (4), and (c) revised.......... 37380
52.2285 Revised.......... 37380
52.2286 Revised.......... 37381
52.2289 Revised.......... 37382
52.2291 Removed.......... 37383
52.2292 Removed.......... 37383
52.2294 Revised.......... 37383
52.2295 Removed.......... 37384
52.2296 Revised.......... 37384

NOTE: Symbol (†) refers to 1978 page numbers.

40 CFR—Continued

42 (43†) FR Page

52.2297 Revised.......... 37384
52.2298 Revised.......... 37386
52.2303 Revised.......... †26410
52.2346 Revised.......... †26410
52.2380 Revised.......... †26410
52.2420 (c) (13) and (14) revised.......... 58406
(c) (17) and (18) added.......... †9604
52.2435 (h) added.......... 58406
52.2451 Revised.......... †26410
52.2486 (q) added.......... 38355
52.2489 (i) added.......... 38355
52.2497 Revised.......... †26410
52.2528 Revised.......... †26410
52.2581 Revised.......... †26410
52.2630 Revised.......... †26410
52.2676 Revised.......... †26410
52.2729 Revised.......... †26410
52.2770 (c)(9) added.......... †4016
52.2779 Revised.......... †26410
52.2780 (b) revised.......... †4016
52.2827 Revised.......... †26410

1978–1979

(Regulations published from July 1, 1978 to June 30, 1979)

40 CFR

43 (44Δ) FR Page

52 State implementation plan documents availability.......... Δ4948
52.01 Petitions for review.......... 31232
52.21 Petitions for review.......... 31232
Interpretations.......... 58188
(n) (3) added.......... Δ27571
52.50 (c)(18) added.......... Δ12421
(c)(17) added.......... Δ20080
(c) (17), (18), and (19) correctly added.......... Δ33680
52.60 Petitions for review.......... 31232
52.93 (b) and (c) amended.......... Δ27571
52.96 Petitions for review.......... 31232
52.120 (c) (6) through (12), (13), (14), and (15) redesignated as (c) (7) through (13), (15), (17), and (21); (c) (6), (14), (16), (19), and (20) added.......... 33246
(c)(26) added.......... 34132
(c)(20) revised; (c)(24) added.......... 34470
(c)(18) added.......... 53034
52.125 (f) added; (h) redesignated as (g).......... 33247
(e)(3) added.......... 53034
52.126 (c) added.......... 53035

NOTE: Symbol (Δ) refers to 1979 page numbers.

40 CFR—Continued

43 (44Δ) FR Page

52.130 (e) added.............................34132
52.132 Removed.............................34471
52.133 (b) and (c) added...............33247
(a) revised; (d) added...................53035
52.140 (b) and (c) amended.......Δ27571
52.144 Petitions for review..........31232
52.170 (c)(6) added.......................Δ21645
52.181 Petitions for review..........31232
52.220 (c)(35)(xiv)(C) and (D) added..33915
(c)(21)(viii)(B), (x)(B), and (xvii), (24)(iv)(B), (25)(i)(B) and (ii)(B), and (26)(xiii)(C) added..33917
(c)(37)(iv)(B) and (C) added.......34464
(c)(35)(xii) amended; (c)(37)(iii) added..34466
(c)(41) and (42)(iii) added...........34468
(c)(42)(ii) added...........................34470
(c)(42) added.................................35695
(c)(39)(vii) added..........................36247
(c)(35)(xvi)(B) added...................36249
(c)(42)(iv) added...........................36625
(c)(35)(xvii)(C) added..................36627
(c)(41)(ii) added............................38826
(c)(41)(iii) added...........................38827
(c)(21)(xviii), (28)(xi), (39)(ii)(C) and (D), (iii)(C) and (D), (iv)(C) and (D), and (39)(vi) added; introductory texts of (c)(39)(ii), (iii), and (iv) revised.................................40014
(c)(41)(iv) added...........................41033
(c)(35)(xiii)(B), (c)(41)(v), and (c)(42)(v) and (vi) added..........41034
(c)(39)(viii) added.........................41036
(c)(42)(viii) added.........................41037
(c)(39)(ix) added...........................41038
(c)(39)(x) added.............................41040
(c)(41)(vii) added...........................47727
(c)(42)(x) added..............................51634
(c)(42)(xv) added............................51767
(c)(44) added..................................51768
(c)(35)(xv)(C) and (D) added......51770
(c)(25)(ii)(C) and (42)(xii) added...51772
(c)(41)(ix) added.............................51773
(c)(42)(ix) added.............................51774
(c)(41)(viii) added...........................51775
(c)(35)(xii)(D), (41)(vi), and (42)(vii) added..........................51777
(c)(26)(xiii)(D) and (41)(xiii) added...51778
(c)(25)(i)(C) and (42)(xi) added; (c)(26)(vii)(A) revised...............51780

Note: Symbol (Δ) refers to 1979 page numbers.

40 CFR—Continued

43 (44Δ) FR Page

(c)(26)(xi)(B) and (41)(xi) added..51781
(c)(31)(vi)(C), (32)(iv)(C), (36), (39)(ii)(B), (iii)(B), and (iv)(B) added...............................52238
(c)(41)(xii) added..........................52703
(c)(41)(x) added.............................53037
(c)(42)(xvii) added........................59064
(c)(37)(i)(C), (39)(vi)(B), (41)(xiv), (42)(xvi), and (xviii) added..59065
(c)(42)(xix) added..........................59488
(c)(41)(xv) and (42)(xxi) added..59489
(c)(42)(xiii) and (xiv) added.......59490
(c)(42)(xvi)(B) and (C) added.....59491
(c)(42)(xx) added...........................59492
(c)(44)(iv) added...........................Δ5663
(c)(45) added..................................Δ7712
(c)(44)(ii) and (iii) added..........Δ16913
(c)(44)(v) and (45)(ii) added.....Δ18492
52.224 (a)(2)(iii)(B) added...........33915
(c) added...34464
(a)(2)(v) added...............................34466
(a)(2)(i)(B) added...........................34468
(a)(2)(iv) added..............................35695
(a)(2)(vi) added..............................36249
(a)(2)(ii)(C) added..........................36627
(a)(2)(ii)(B) added..........................41036
(a)(2)(iii)(C) added.........................41038
(a)(2)(ii)(D) added.........................41040
(a)(2)(ii)(E) added..........................51634
(a)(2)(iii)(D) added........................51770
(a)(2)(ii)(F) added..........................53037
(a)(1) (i), (ii), and (iii) and (2) (i) through (vi) revised; (a)(2)(vii) through (xxx) added..Δ7714
52.226 (b)(1)(ii) added..................34468
52.228 (b) added............................35695
(b)(1) (ii) through (iv) added......40014
52.229 (b)(2) added........................40014
52.231 (b) added............................34464
(a) revised......................................34466
52.233 (d)(2), (8)(i) through (iii), (g)(1)(ii), and (ix)(*a*) through (*c*) removed................................52238
52.234 (a)(1)(iv) added..................33915
(e)(2)(ii) added...............................34468
(a)(5) and (e) added.......................35695
(e)(2) added....................................36247
(e)(2)(iii) added..............................36625
(a)(1)(v) added................................36627
(e)(1)(v) and (4) added..................38826
(e)(5) added.....................................38827

40 CFR—Continued

	43 (44Δ) FR Page
(e)(1) (ii) through (iv) added	40014
(e)(6) added	41033
(e)(2)(iv) added	41034
(e)(3) added	41036
(e)(3)(ii) added	41038
(e)(3)(iii) added	41040
(e)(8) added	47727
(e)(3)(iv) added	51634
(e)(9) added	51767
(e)(2)(viii) added	51772
(e)(2)(vi) added	51773
(e)(2)(v) added	51776
(e)(7) added	51777
(e)(2)(vii) added	51781
(a)(3)(v) and (e)(3)(v) added	53037
(e)(9)(ii) added	59064
(e) (6)(iii) and (7)(ii) added	59065
(e)(6)(ii) added	59066
(e)(9)(iii) added	59488
(e)(5)(ii) added	59489
(e)(9)(iv) added	59492
(a)(6) added	Δ7712
52.236 (d) added	34464
(b) introductory text and (1) added	34467
(b)(2) added	34470
(b)(3) added	36247
(b)(2)(v) added	41037
(f) added	51634
(e) added	51770
(b)(3)(v) added	51778
(b)(3)(iii) added	51780
(b)(3)(iv) added	51781
(e) (2) and (3) added	52703
(e)(4) added	59490
52.254 (a)(3)(iii) added	52703
(a)(4) added	Δ7712
52.266 (d) amended	Δ27571
52.269 (b)(2) added	34470
(d) added	35695
(b)(1)(iii) added	36625
(b)(3) added	40014
(b)(1)(iv) added	41034
(b)(4)(i)(B) added	51768
(b)(1)(viii) added	51772
(b)(4) added	51774
(b)(1)(vii) added	51778
(b)(1)(v) added	51780
(b)(1)(vi) added	51781
(b)(3)(ii)(B) added	59490
52.270 Petitions for review	31232

NOTE: Symbol (Δ) refers to 1979 page numbers.

40 CFR—Continued

	43 (44Δ) FR Page
52.271 (a)(1)(i)(B), (ii)(B), (iv)(B) and (v)(B), (2)(iii)(B), (iv)(B), (v)-(ix), (3)(i)(B), (4)(i)(B), (ii)(B), (v)(B), (vii)(B), (x), (xi), (xii), (6)(i)(B), (7)(ii)(B) and (iii), and (8)(i)(B) added	33917
(a)(4)(iv)(B) added	34468
(a)(4)(vi)(B) added	36247
(a)(2)(viii)(B) added	41036
(a)(2)(ii)(B) added	41039
(a)(4)(x)(B) added	51773
(a)(5)(i)(B) added	51774
(a)(4)(ii)(C) added	51780
(a)(2)(vii)(B) added	53037
52.272 (a)(4) added	40014
(a)(1)(ii) added	51634
(a)(5) added	51774
(a)(1)(iii) added	53037
52.273 (a)(4)(ii) and (b)(3)(ii) added	33915
(b)(3)(v) added	34465
(a)(6) added	34467
(b)(2)(ii) added	34468
(a)(1)(i)(A) revised; (a)(1)(i)(B) added	34470
(b)(5) added	35695
(a)(3)(vi) added	36247
(a)(8) and (b)(7) added	36249
(a)(4)(iii) and (b)(3)(iii) added	36627
(b)(5)(iii) and (6) added	38826
(b)(5)(ii) added	40014
(a)(1)(v) added	41036
(a)(1)(iii)(B) added	41039
(a)(1)(ii)(B) added	41040
(a)(1)(vi) added	51634
(a)(4)(iv) and (b)(3)(iv) added	51771
(a)(3)(i) (B) and (C) added	51772
(a)(3)(vii) added	51773
(a)(3)(iv)(B) added	51776
(b)(1)(ii) added	51777
(a)(3)(ix) and (b)(2)(iv) added	51778
(a)(3)(viii) and (b)(2)(iii) added	51780
(a)(3)(ii) (B) and (C) added	51781
(a)(1)(viii), (9)(i), (b)(4)(ii), and (9)(i) added	52703
(a)(1)(vii) added	53037
(b)(5)(iv) added	59490
52.275 (b)(3)(ii) added	33915
(a)(2)(i) and (b)(4) added	34465
(a) introductory text and (1) added; (b)(4) added	34467
(b)(1)(ii) added	36247
(b)(5) added	36249

40 CFR—Continued

43 (44Δ) FR Page

(b)(3)(iii) added........ 36627
(b)(2)(iii) added........ 41036
(b)(2)(iv) added........ 41039
(b)(3)(i)(B) added........ 51768
(b)(3)(iv) added........ 51771
(b)(1)(iii) added........ 51774
(b)(1)(i) (B) and (C) added........ 51776
(b)(2)(v) added........ 53037
(b)(3)(ii)(B) added........ 59064
(b)(3)(iv)(B) added........ 59488
(b)(5)(i)(B) added........ 59489
(b)(3)(iii)(B) added........ 59492
52.276 (b) added........ 35695
52.278 Added........ 34467
52.280 (b) added........ 35696
(a)(1)(ii) added........ 51774
(a)(3) added........ 59490
(a)(2)(i)(A) revised........ Δ5664
52.320 (c)(10) added........ 44841
52.343 Petitions for review........ 31232
52.370 (c)(8) added........ 44841
(c)(9) added........ Δ5429
52.382 Petitions for review........ 31232
52.420 (c)(11) added........ Δ12423
52.432 Petitions for review........ 31232
52.470 (c)(11) added........ 29559
(c)(11) revised........ 56663
(c)(12) added........ Δ25223
52.476 (b)(2)(vii), (3) (iv) and (v), and (5)(iii) revised........ 29559
52.479 (c) (2) and (3) amended........ Δ27571
52.499 Petitions for review........ 31232
52.530 Petitions for review........ 31232
52.581 Petitions for review........ 31232
52.620 (c)(10) added........ Δ23828
52.632 Petitions for review........ 31232
52.683 Petitions for review........ 31232
52.720 (c)(12) revised; (c)(13) added........ Δ11233
52.734 (b) and (c) amended........ Δ27571
52.738 Petitions for review........ 31232
52.779 Removed........ Δ27571
52.793 Petitions for review........ 31232
52.833 Petitions for review........ 31232
52.884 Petitions for review........ 31232
52.931 Petitions for review........ 31232
52.970 (c)(9) added........ 36628
(c)(10) added........ Δ5661
(c)(11) added........ Δ13479
(c)(8) added........ Δ15705
(c)(12 correctly added... Δ18491, 26741
(c)(13) added; eff. 7-19-79........ Δ35224
52.976 Revised........ Δ18491
52.980 (b) added; eff. 7-19-79.... Δ35224

Note: Symbol (Δ) refers to 1979 page numbers.

40 CFR—Continued

43 (44Δ) FR Page

52.982 Removed........ Δ18491
52.985 Removed........ 36628
52.986 Petitions for review........ 31232
52.987 Added........ Δ15705
52.998 Added........ Δ18491
52.1020 (c)(8) added........ Δ17675
52.1029 Petitions for review........ 31232
52.1070 (c)(19), (20), and (21) revised........ 59495
(c)(19) and (20) revised........ Δ14557
(c)(22) added........ Δ19193
(c)(22) revised........ 25842
52.1073 (f) added........ 59495
(f) revised........ 14557
52.1075 Removed........ Δ14557
52.1077 (c)(2) and (3) amended........ Δ27571
52.1082 (b) revised........ Δ14557
52.1088 (b) revised........ Δ14557
52.1107 (b) revised........ Δ14557
52.1116 Petitions for review........ 31232
52.1120 (c)(12) amended........ 40010
(c)(16) added........ 44842
(c)(6) amended........ 56041
(c)(17) added........ Δ7713
(c)(13) revised........ Δ12422
(c)(18) added........ Δ15704
(c)(19) added........ Δ27993
(c)(20) through (23) added........ Δ29454
52.1126 (g) removed........ Δ12422
(b), (d) through (f) revised........ Δ29454
52.1155 (f) amended........ Δ27571
52.1160 (l) amended........ Δ27571
52.1165 Petitions for review........ 31232
52.1175 (e) table amended........ Δ25840
(a) revised........ Δ27571
52.1180 Petitions for review........ 31232
52.1234 Petitions for review........ 31232
52.1270 (c)(10) added........ Δ7713
52.1280 Petitions for review........ 31232
52.1339 Petitions for review........ 31232
52.1382 Petitions for review........ 31232
52.1436 Petitions for review........ 31232
52.1470 (c)(12) added........ 36933
52.1471 Table amended........ 36933
52.1479 (b) added........ 36933
52.1485 Petitions for review........ 31232
52.1529 Petitions for review........ 31232
52.1570 (c)(17) added........ 34131
(c)(18) added........ 58567
(c)(19) added........ 58569
(c)(20) added........ Δ5427
(c)(21) added........ Δ31979
52.1582 (c) added........ Δ16387
52.1593 (d) amended........ Δ27571

40 CFR—Continued

43 (44Δ) FR Page

52.1595 Revised....Δ16387
52.1597 Removed....Δ16388
52.1598 Removed....Δ16388
52.1601 (b) added....Δ31979
52.1603 Petitions for review....31232
52.1604 Added....58569
  (a) added....Δ5427
  (b) revised....Δ13479
52.1620 (c) revised....Δ21020
52.1634 Petitions for review....31232
52.1670 (c)(39) added....36931
52.1689 Petitions for review....31232
52.1770 (c)(17) redesignated as (c)(18); new (c) (17) through (19) added....44843
52.1778 Petitions for review....31232
52.1829 Petitions for review....31323
  Introductory text removed....40010
52.1884 Petitions for review....31232
52.1920 (c)(12) added....52029
  (c)(13) added....Δ18490
52.1926 Added....52030
52.1929 Petitions for review....31232
  Correctly designated....40010
52.1976 Added....36931
52.1987 Petitions for review....31232
52.2020 (c)(15) revised....Δ13480
  (c)(16) added....Δ23829
  (c)(18) added....Δ31981
  (c)(17) added; eff. 7-12-79....Δ33681
52.2029 Removed....Δ27571
52.2053 (b) and (c) amended....Δ27571
52.2058 Petitions for review....31232
52.2083 Petitions for review....31232
52.2120 (c)(9) added....59496
52.2131 Petitions for review....31232
52.2178 Petitions for review....31232
52.2220 (c)(29) added....Δ32682
52.2233 Petitions for review....31232
52.2270 (c) revised....Δ5662
  (c)(16) added....Δ21644
52.2275 (b) and (c) added....Δ5662
52.2283 Removed....Δ5662
52.2289 Removed....Δ5662
52.2297 (e) removed....Δ35224
52.2298 (c) amended....Δ27571
52.2303 Petitions for review....31232
52.2343 (b) and (c) amended....Δ27571
52.2346 Petitions for review....31232
52.2370 (c)(7) added....33918
  (c)(8) added....59497
52.2380 Petitions for review....31232
52.2420 (c)(15) added....34130
  (c) (20) through (23) added....38703
  (c)(24) added....39367

Note: Symbol (Δ) refers to 1979 page numbers.

40 CFR—Continued

43 (44Δ) FR Page

52.2424 (b) removed....38703
52.2427 (d) (2) and (3) amended....Δ27571
52.2430 (c) removed....38703
52.2431 (d) added....39367
52.2438 (d)(4) added....39367
52.2451 Petitions for review....31232
52.2477 (c) (2) and (3) amended....Δ27571
52.2482 Removed....Δ27571
52.2497 Petitions for review....31232
52.2520 (c)(9) added....52240
  (c)(9) effective date corrected....54247
52.2522 (b) added....52240
  (b) effective date corrected....54247
52.2525 Added....52240
  Effective date corrected....54247
52.2528 Petitions for review....31232
52.2578 (d) table corrected....53440
52.2581 Petitions for review....31232
52.2620 (c)(10) added....48638
  (c)(10) corrected....51393
52.2630 Petitions for review....31232
52.2670 (c)(1) amended....48639, 59067
52.2676 Petitions for review....31232
52.2678 Added....59067
52.2682 Added....59067
52.2684 Added....59067
52.2686 Added....59067
52.2729 Petitions for review....31232
52.2779 Petitions for review....31232
52.2827 Petitions for review....31232

1979–1980

(Regulations published from July 1, 1979 through June 30, 1980)

40 CFR

44 (45*) FR Page

Chapter I
52 Policy statement....71780
  Technical correction....*11472
  State implementation plan documents availability....*29293, *39255, 39503
52.21 Stayed in part....*7801
52.24 Added....38473
  Technical correction....42195
  Stayed in part....*31307
  (e) added....*31312
52.50 (c)(20) added....67379
  (c)(20) amended; (c)(21) added....*37431

Note: Symbol (*) refers to 1980 page numbers.

40 CFR—Continued

44 (45*) FR Page

Chapter I—Continued

52.53 Revised....67379, *37431
52.54 Revised....67379
52.58 Added....67380
Removed....*37431
52.120 (c)(18)(i), (ii), and (iv) amended....73034
52.121 Revised....*7544
52.125 (e)(3) correctly designated as (f)(3); (g) introductory text added; old (g) designated as (g)(1)....73034
52.130 (a) and (c)(1) revised....*7545
52.170 (c) (7) and (8) added....*6571
52.171 Table amended....*6571
52.172 Revised....*6571
52.173 Added....*6571
52.174 Added....*6571
52.176 Revised....*6571
52.177 Revised....*6572
52.220 (c)(44)(vi) and (45)(iii) added....44499
(c)(37)(v)(B) added....70141
(c)(24)(viii)(B) and (42)(ii)(B) added....*27758
(c)(42)(xxii) added....*27760
(c)(47) added....*30626
(c) (53) and (54) added....*35804
(c)(41)(ii)(C) added....*35805
(c)(24)(xi), (25)(vi), and (31)(vii)(C) added....*35807
(c)(24)(vii)(C) and (c)(25)(i)(D) added; eff.7-7-80....*37690
(c)(39)(ii)(E), (iii)(E); (42)(i)(C), (42)(xiii)(C) and (xiv)(B) added; eff. 7-3-80....*37429
52.226 (b)(3)(iii) and (iv) added...70141
52.233 (k) added....*3271
52.269 (b)(1)(ii)(C) and (D) added....70141
52.273 (a)(3)(x) added....70141
52.274 (a) revised; (e), (f) and (g) added....*27758
(a)(3), (h) and (i) added....*27760
(a)(5) and (6) added....*35804
(a)(7), (l), (m), and (n) added....*35805
(a)(4), (j), and (k) added....*35807
(a)(8) through (11), (o) and (p) added; eff. 7-3-80....*37429
(a)(12), (13); (q) through (t) added; eff. 7-7-80....*37690
52.320 (c) (10) through (15) added....57409

NOTE: Symbol (*) refers to 1980 page numbers.

40 CFR—Continued

44 (45*) FR Page

Chapter I—Continued

(c)(10) through (15) correctly designated as (c)(11) through (16)....*43411
52.321 Table amended....57409
52.322 (c), (d), and (e) added....57409
52.323 Revised....57410
52.324 (c) added....57410
(c) revised....*16488
(c) effective date stayed to 5-2-80....*21635
52.325 Revised....57410
52.327 Added....57410
Revised....*7802, 16488
Effective date stayed to 5-2-80....*21635
52.328 Revised....57410
Revised....*7802, 16488
Effective date stayed to 5-2-80....*21635
52.329 Revised....57410
Revised....*7802
52.330 Added....57411
Revised....*7803
52.370 (c)(10) added....44499
52.420 (c)(11) added....44497
(c)(13) added....*14558
52.422 Revised....*14558
52.427 Added....*14559
52.428 Table revised....*14559
52.433 Added....*14559
52.470 (c)(13) added....*1025
(c)(16) added....*13731
52.520 (c)(19) added....*13456
(c)(18) added....*17143
52.522 Revised....*17143
52.523 Revised....*17143
52.527 Added....*17144
52.528 (b) added....*17144
52.532 Correctly added.....*2033, 28112
52.570 (c)(17) added....54050
(c)(18) added....*782
(c)(19) added....*781
(c)(17) revised....*5701
52.572 Revised....54050
52.573 Added....54050
52.575 Revised....54050
Revised....*5701
52.577 Added....54050
Revised....*5701
52.620 (c)(11) added....46274
52.672 (d) added....44498
(d) corrected....53161
52.676 (a)(2) and (b) revised; (b) Appendix A added....72120
Footnotes 9 and 10 corrected.....*1419

40 CFR—Continued

44 (45*) FR Page

Chapter I—Continued

52.720 (c)(14) added.......................70140
(c)(15) added.................................... *783
(c) (16) through (21) added.......*11493
52.721 Table amended................ *11493
52.722 Revised..............................*11493
52.723 Added................................ *11493
52.724 Added................................ *11493
Revised...*11494
52.725 Added................................ *11493
(c) revised.................................... *27757
52.726 Revised..............................*11494
52.728 Added................................ *11494
52.729 (b) added........................ *11494
52.736 Revised..............................*11495
52.737 Added................................ *11494
52.820 (c)(27), (28), and (29) added...*14567
52.822 Revised..............................*14567
52.823 Added................................ *14567
52.824 Revised..............................*14567
52.826 Added................................ *14567
52.827 Revised..............................*14568
52.829 Added................................ *14568
52.830 Removed.............................14568
52.920 (c)(12) added....................... *6102
52.922 Revised................................*6102
52.923 Revised................................*6102
52.926 Revised................................*6102
52.930 Added.................................. *6102
52.970 (c)(15) through (19) added...*9909
52.971 Amended.............................*9909
52.972 Revised................................*9909
52.973 Added.................................. *9909
52.976 (c) added............................. *9909
52.979 Revised................................*9910
52.1020 (c)(8) correctly designated as (c)(9)........................... 38843
(c)(10) added.................................. *6786
(c)(11) added................................ *10774
52.1021 Amended.........................*10774
52.1022 Revised............................*10774
52.1024 Revised............................*10774
52.1025 (e) added.........................*10775
52.1026 Revised............................*10775
52.1027 Added.............................. *10775
52.1029 Revised..............................*6786
52.1070 (c)(25) added.....................70143
(c)(26) added................................ *17145
(c)(29) added................................ *23424
(c)(30) added................................ *27935
52.1120 (c)(24) added.....................41180
(c)(25) and (26) added.................. *2043

40 CFR—Continued

44 (45*) FR Page

Chapter I—Continued

(c)(25) and (26) conditional approval continued..................... *32674
(c)(28) added................................ *35804
(c)(24) amended; (c)(27) and (28) added...................................*40988
52.1122 (c) added........................... *2043
(c) conditional approval continued...*32674
52.1123 Revised.............................*2043
Conditional approval continued...*32674
52.1124 (c) added........................... *2043
(c) conditional approval continued...*32674
52.1126 (c) revised.........................41180
(b), (c), (d), and (f) amended...... 56696
52.1127 Revised.............................*2043
Conditional approval continued...*32674
52.1129 (b) added........................... *2044
(b) conditional approval continued...*32674
52.1131 Added................................ *2044
Conditional approval continued...*32674
52.1166 Added................................ *2044
Conditional approval continued...*32674
52.1170 (c)(14) and (15) corrected.. *17997
(c)(16) through (20) added........*29801
(c)(21) through (25) added........*37192
(c)(26) added................................ *37196
52.1171 Table amended............. *29801
52.1172 Revised............................*29801
52.1173 Revised............................*29802
52.1174 Revised............................*29802
(b) added.......................................*37192
52.1175 (e) table amended........... 75638
Technical correction..................*11495
52.1176 (c), (d), and (e) removed..*29820
52.1177 Revised............. *29802, *37192
52.1180 (c) added........................... *8299
52.1220 (c)(13) added.................... 50601
(c)(14) added.................................. 72117
(c)(15) added; eff. 7-16-80......... *40581
52.1223 Revised............................. 72118
Revised; eff. 7-16-80.................. *40581
52.1226 Revised............................. 72118
Revised; eff. 7-16-80.................. *40581
52.1235 Added.................................50601
52.1270 (c)(11) added.................... *2032
52.1272 Revised..............................*2032
52.1273 Revised..............................*2032

NOTE: Symbol (*) refers to 1980 page numbers.

40 CFR—Continued

44 (45*) FR Page

Chapter I—Continued

52.1280 (c) added.......................... *34272
52.1320 (c)(13), (14), and (15) added.......................... *17146
(c)(15) revised.......................... *24153
(c)(18) added.......................... *30630
(c)(17) added eff. 7-16-80.......... *40578
52.1323 Amended............ *24153, 30630
52.1324 (c) added.......................... *24153
(c)(1)(A), (B), (C) introductory text, (*1*), (*2*), (*3*), (D), and (E) redesignated as (c)(1)(i), (ii), (iii) introductory text, (A), (B), and (C), (iv), and (v); (c)(1)(vi) added.......................... *30630
52.1331 Heading revised; (b), (c), and (d) added.......................... *24153
52.1332 Table and note revised... *24154
52.1335 (a) table amended........... 72116
(a) table corrected.......................... *4355
(a) table amended; eff. 7-16-80.......................... *40578
52.1370 (c)(6) added.......................... 51977
(c)(7) added.......................... *2036
(c)(7) revised; (c)(8) added........ *14043
52.1371 Amended.......................... *14043
52.1372 Revised.......................... *2036
52.1375 Revised.................. *2036, 14043
52.1376 (c) added.......................... *14043
52.1380 Added.......................... *14044
52.1384 Added.......................... *14044
52.1385 Added.......................... *14044
52.1386 Added.......................... *14044
52.1470 (c)(15) added.......................... *7545
(c)(13) added.......................... *8011
52.1471 Revised.......................... *7545
52.1476 (b) added.......................... *8011
52.1520 (c)(12) added.......................... *24876
(c)(12) amended; (c)(13) and (14) added.......................... *41943
52.1521 Table amended.............. *24876
52.1522 Revised.......................... *24876
52.1523 Revised.......................... *24876
Table amended (footnote f revised).......................... *41943
52.1525 Revised.......................... *24876
52.1527 Added.......................... *24876
52.1529 (a) revised.......................... *24876
52.1530 Added.......................... *24876
52.1531 Added.......................... *41943
52.1570 (c)(20) correctly designated as (c)(21).......................... 38471
(c)(22) and (23) added................ *15540
(c)(24) added.......................... *24140

40 CFR—Continued

44 (45*) FR Page

Chapter I—Continued

(c)(25) added.......................... *30070
52.1572 Revised.......................... *15541
52.1573 Revised.......................... *15541
52.1580 Revised.......................... *15541
52.1581 Added.......................... *15542
(b)(3) removed.......................... *24140
(c) removed.......................... *30070
52.1582 Heading and (c) revised; (d) added.......................... *15542
52.1601 (b) corrected.......................... 38471
52.1620 (c)(11) through (15) added.......................... *24468
52.1621 Table amended.............. *24468
52.1622 Revised.......................... *24468
52.1624 (a)(1) removed; (a)(2) redesignated as (a)(1); (b) revised; (c) and (d) added.......... *24468
52.1625 Revised.......................... *24468
52.1628 Revised.......................... *24468
52.1630 Revised.......................... *24468
52.1631 Revised.......................... *24469
52.1635 Added.......................... *24469
52.1670 (c)(40) through (44) added.......................... *7811
(c)(45) added.......................... *14561
(c)(40) through (44); conditional approval continued............. *15177
(c)(51) added.......................... *27756
(c)(44) undesignated paragraphs designated as (c)(44)(i), (ii) (A) through (H), (iii) through (viii); (c)(44) (xvi) and (xviii) and (46) through (50) added................. *33992
52.1672 Revised.......................... *7811
Conditional approval continued.......................... *15177
52.1672 Revised.......................... *33993
52.1673 Revised.......................... *7812
Conditional approval continued.......................... *15177
Revised.......................... *33993
52.1674 Added.......................... *7812
Conditional approval continued.......................... *15177
(a)(1), (d)(2) and (3) revised...... *21634
(a) introductory text and (2) and (d) introductory text revised; (e) and (f) added........... *33993
52.1682 Revised.......................... *7812
Conditional approval continued.......................... *15177
Table amended.......................... *33994
52.1770 (c)(20) added.......................... *2033
(c)(21) added.......................... *26043

NOTE: Symbol (*) refers to 1980 page numbers.

40 CFR—Continued

Chapter I—Continued

		44 (45*) FR Page
52.1772	Revised	*26043
52.1773	Revised	*26043
52.1776	Added	*2033
	(b) added	*26043
52.1780	Added	*26043
52.1820	(c)(10) correctly revised	*63103, 75635
52.1829	Correctly revised	*63103, 75635
52.1875	(a) table footnote f revised	*47770
	(a) table footnote f amended	*69931
52.1881	(b)(12) (iv) and (v) introductory text, (16)(i), (32)(ii), (34) (xii) and (xiii), (35)(v), (39)(iv)(D), (viii)(F), and (xiv), (40)(vii), (58) (vi) and (ix), and (60)(iii) revised; (b)(23)(xxi), (38)(ix), (58)(x), and (65)(i) added; (b)(60)(iv) removed	*47770
	(b)(2)(iii), (59)(iii), (iv), (vi) through (ix), (xi), and (xii) revised; (b)(59)(xiv) removed; (b)(59)(xv) through (xxi) added	69932
	(b)(60)(iii)(C) correctly revised	*3907
	(b)(35)(vi) and (vii); (b)(38)(iii) and (iv) revised	*42283
52.1882	(b)(1), (3), and (6) revised; (c) and (d) added	47772
	(e) added	69933
	(b)(7) added	*1024
	(b)(7) revised	*30069
52.1920	(c)(14) added	*9741
52.1921	Table amended	*9741
52.1922	Revised	*9741
52.1923	Added	*9741
52.1924	Revised	*9741
52.1925	Revised	*9741
52.1930	Added	*9741
52.1932	Revised	*9741
52.1970	(c)(26) added	*26330
	(c)(26) through (30) added	*42278
52.1971	Table amended	*42278
52.1972	Amended	*42278
52.1973	Revised	*42278
52.1981	(d) added	4498
	(d) corrected	53161
	(b) and (c) added	*42279
52.1982	Added	*42279
52.1985	Added	*42279
52.2020	(c)(17)	*41431

NOTE: Symbol (*) refers to 1980 page numbers.

40 CFR—Continued

Chapter I—Continued

		44 (45*) FR Page
	(c)(20) added	46467
	(c)(21) added	73032
	Technical correction	*5303
	(c)(22) through (32) added	*33627
52.2021	Table amended	*33627
52.2022	(c), (d), and (e) added	*33627
52.2023	(e), (f), and (g) added	*33627
52.2034	Revised	*33627
52.2037	Revised	*33628
52.2040	Removed	*33628
52.2044	Removed	*33628
52.2045	Removed	*33628
52.2046	Removed	*33628
52.2047	Removed	*33628
52.2048	Removed	*33628
52.2052	Removed	*33628
52.2055	(c) added	*33628
52.2059	Added	*33628
52.2120	(c)(10) added	54708
	(c)(11) added	*6575
52.2122	Revised	*6575
52.2126	Added	*6575
52.2127	Added	*6576
52.2128	Revised	*6576
52.2170	(c)(5) added	44495
	(c)(6) added	46846
	(c)(6) effective date added	57408
52.2172	Revised	*44495
52.2174	Revised	*44495
52.2175	Revised	*44495
52.2220	(c)(31) added	*2034
	(c)(30) added	*8008
	(c)(32) added	*27758
52.2222	Revised	*8008
52.2225	Added	*8008
52.2226	(b) added	*2034
	Introductory text added	*8009
52.2230	Revised	*8009
52.2270	(c)(16) added	55005
	(c)(18) and (19) added	74831
	(c)(17) correctly designated; (c)(20) through (23) added	*19244
52.2271	Table amended	*19244
52.2272	(b) added	*74832
	(b) revised	*19244
52.2273	Revised	*19244
52.2275	(d) and (e) added	*55006
	Heading revised; (a) and (b) removed: new (a) added; (c) through (e) redesignated as (b) through (d)	*19244
52.2276	Added	*19245
52.2279	Revised	*19245
52.2284	Removed	*19245
52.2287	Removed	*19245

40 CFR—Continued

44 (45*) FR Page

Chapter I—Continued

52.2288 Removed..........*19245
52.2290 Removed..........*74832
52.2291 Added..........*19245
52.2299 Revised..........*19245
52.2320 (c)(6) added..........*10765
52.2322 (g) added..........*10765
52.2323 Revised..........*10765
52.2324 Added..........*10765
52.2325 (a) revised..........*10765
52.2326 Removed..........*10765
52.2331 Revised..........*10765
52.2370 (c)(9) added..........*6784
(c)(10) added..........*10781
52.2371 Table amended..........*10782
52.2372 Revised..........*10782
52.2375 Revised..........*10782
52.2377 Revised..........*10782
52.2380 Revised..........*6784
52.2382 Added..........*10782
52.2420 (c)(25) added..........*73033
(c)(13) through (16) and (19) correctly designated and republished..........*6941
(c)(26) added..........*6942
52.2425 Added..........*6942
52.2426 Added..........*6942
52.2470 (c) (16) through (21) added..........*37835
52.2471 Table amended..........*37836
52.2472 (b) added..........44498
(b) corrected..........53161
(c) and (d) added..........*37836
52.2473 Revised..........*37836
52.2478 Revised..........*37836
52.2479 Added..........*37836
352.2487 Added..........*37837
352.2488 Added..........*37837
52.2522 (b) added..........*39255
52.2570 (c)(12) added..........68830
(c)(13) added..........*2322
52.2571 Table amended..........*2322
52.2572 Revised..........*2322
52.2577 Revised..........*2322
52.2582 Added..........68830
52.2620 (c)(10) added..........38475
(c)(10) revised..........51979
(c)(10) correctly designated as (c)(11)..........*43411
52.2622 Revised..........38475
52.2627 Revised..........38475
52.2630 Revised..........51979
52.2670 (c)(2) added..........*14560
52.2770 (c)(10) added..........*29294

Note: Symbol (*) refers to 1980 page numbers.

1980–1981

(Regulations published July 1, 1980 through June 30, 1981)

40 CFR

45 (46†) FR Page

Chapter I

Chapter I Assistance limitations imposed..........81746, 81752
52 State implementation plan supplementary information... 48887
Incorporation by reference approval..........59297
Technical correction..........71565
State implementation plan documents availability.......†2043, †8473
Effective date deferred..........†11972
State implementation plan notice..........†4918
State implementation plan deficiency..........†8474
Effective date deferred ....†11972
Memorandum of understanding information notice...†31258, 31259
Technical correction..........71565
Final rule notice..........†17779
Conditional approval notice ... †26484, 28155, 28159
Information notice....... †31258, 31259
52.21 (k) removed; (l) through (v) redesignated as (k) through (u); (b), (f), (g) (i) and (j); new (k) (m) and (q) revised; (r) (4), new (v) and (w) added..........57235
52.24 (f) through (i) added..........57246
(k) added..........65209
52.25 Added..........78122
52.50 (c) (25) added..........53136
(c) (24) added..........72152
(c) (26) added..........†23411
52.56 Removed..........72152
52.60 (a) and (b) revised..........52741
52.70 (c)(7) and (8) added..........85748
(c) (9) added..........†21994
52.71 Table corrected..........†10911
52.76 Revised..........85748
52.81 Table amended..........†85748
Table corrected..........†10911
52.82 (c) added..........†85748
(c) correctly added ....†10911
52.96 (a) and (b) revised..........52741
52.120 (c) (31) added..........53147
(c) (30) added..........67345

Note: Symbol (†) refers to 1981 page numbers.

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued
52.121 Revised.............................. 67345
52.125 (a), (b), (c) (1), (d) introductory text, (d) (1) introductory text, (d)(1)(i), (d)(2)(i), and (g) (1) revised..................... 67346
52.126 (a), (b) introductory text, (b)(1), and (3) revised; (c) amended...................................67346
52.129 (b) and (c) (1) revised........67346
52.130 (a) and (c) (1) revised; (e) amended...................................67346
52.144 Revised.............................. 52741
52.170 (c)(7) and (8) added...........54336
52.174 Removed............................54336
52.177 Removed............................54336
52.181 Revised.............................. 52741
52.220 (c)(46), (48) and (49) added.. 53137
(c)(51) and (52) added............... 53145
(c) (60) added.............................. 63843
(c) (47)(ii) through (vi) added.... 70449
(c) (50) and (51)(iii)—(vi) added.. 72148
(c)(52) (ii), (55) annd (56) added.. 74484
(c)(51) (ii), (57) through (59) added.. 80285
(c)(61) added.............................. †3884
(c)(47)(i)(B), (58)(ii), (63), (65) through (70) added...................†5978
(c)(42)(i)(D), (50)(vii), (51)(xi) and (xii), (52)(ii)(B) and (x), (58)(iii), and (74) added.......... †8472
(c)(42)(i)(D), (50)(vii), (51)(xi) and (xii), (52)(ii)(B) and (x), (58)(iii), and (74) effective date deferred.......................... †11972
(c)(51)(vii); (62) and (64) added....................................... †21757
(c) (51) (xiv) and (xv), (52) (xi) through (xiv), (80) and (81) added....................................... †27116
(c) (47) (vii), (50) (viii), (51) (ii) (B) and (xiii), (58) (i) (B), (59) (i) (B) and (77) through (79) added; (c) (54) revised............ †27118
52.221 Table amended.................. †3884
52.222 (b) revised...........................74484
(d) added....................................... 80285
(b)(2) added; (c) removed........... †5978
(b) (3) added..............................†21757
52.223 Revised.............................. 74484
(b) (2) added...............................80285
(b)(3) and (c) added..................... †5978

NOTE: Symbol (†) refers to 1981 page numbers.

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued
(b) (4) added................................†21757
52.224 (a)(1)(vi) (C) through (G) added; (a)(2) (xviii), (xix), (xxii), (xxv) and (xxx) removed.. 72148
(a)(1) (iv) through (viii) correctly revised; (a)(1)(ix) correctly removed....................................†3884
(a)(1)(ix) added......................... †27116
(a)(1)(ix)(A) removed............... †27118
52.226 Heading revised................†3884
52.229 (a) removed........................ †5978
52.230 Heading revised................ †3884
52.231 (a)(3) and (b)(1) revised... †3884
52.232 Added................................74485
(a) (2) added................................80285
(a) (3) added................................†5978
(a); (a)(1) through (a)(3) introductory texts revised; (a)(4) added....................................... †21757
52.233 (a) added; (h) and (i) removed.. 74485
(a) (2) added; (d) (3) and (g)(1) (iii) removed............................ 80285
(c), (d), (f)(1)(i), and (g)(1) revised.. †3884
(a) (3) added................................ †5979
(a)(3)(iii) revised....................... †27118
52.234 (a)(6) (ii) added; (e)(5) (ii) and (e)(9) removed.................. 72148
(a)(1) through (6) and (e)(1) through (8) revised; (a)(7) through (17) and (e)(9) through (23) added..................†3885
52.236 (d) revised..........................70449
(a)(1), (b)(1) through (4), (c)(1), (e)(1) through (3), and (f)(1) revised; (b)(5) through (8) added.. †3885
(b)(9), (c)(2) and (g)(2) added...†27116
(g) added......................................†27118
52.237 Added................................ †5979
52.238 Table amended...... 74485, 80285
Table amended................ †5979, 21758
52.240 (a) and (d)(1) revised........ †3885
52.242 Removed..........................†21758
52.243 Removed..........................†21758
52.244 Removed..........................†21758
52.246 (b) introductory text revised.. †3886
52.247 Removed..........................†21758
52.251 Removed..........................†21758
52.252 (b) introductory text revised.. †3886
(b)(2)(ii) added........................... †5979

40 CFR—Continued

Chapter I—Continued

	45 (46†) FR Page
52.253 (b) introductory text revised	†3886
(b)(2) revised	†5979
52.254 (a) introductory text revised	†3886
52.255 (b) introductory text revised	†3886
(b)(1)(vii) removed; (b)(3) added	†5979
52.256 (b) revised	†5979
52.257 Removed	†21758
52.258 Removed	†21758
52.259 Removed	†21758
52.266 Removed	†21758
52.267 (a)(1) revised	†3886
52.269 (b)(1) introductory text revised; (b)(1-1) introductory text added; (b)(1)(iii) through (viii) redesignated as (b)(1-1)(i) through (vi)	†3886
52.270 Revised	52741
52.271 (b) added	70449
(a)(1) through (8) revised; (a)(9) through (35) added	†3886
(b)(3) and (4) added	†8472
(b)(3) and (4) effective date deferred	†11972
(a)(9) added	†27118
52.272 (a) introductory text amended; (a)(1) through (5) revised; (a)(6) through (9) added	†3887
52.273 (b)(3)(v)(B) added; (b)(9) revised	70449
(b)(3) (i)(B), (ii)(B), (iii)(B), (iv)(B) and (b)(7)(i)(B) added	72149
(a) (1) through (9) and (b)(1) through (9) revised; (a)(10) through (25) and (b)(10) through (18) added	†3887
(a)(1)(iii), (4)(ii), (13)(iii), and (15)(ii) and (b)(19) added	†27116
(a)(6)(ii)(D) added	†27118
52.275 (a) and (b)(1) through (5) revised; (b)(6) through (14) added	†3889
(b)(10)(ii) added	†27116
52.280 (a)(1) introductory text revised	†3889
(a)(1)(i)(A) revised; (a)(1)(i)(B), (iii) and (iv) added	†27116
(c) added	†27118

40 CFR—Continued

Chapter I—Continued

	45 (46†) FR Page
52.320—52.343 (Subpart G) State implementation plan proposed settlement agreement	†14120
52.320 (c) (17) added	46073
(c) (18) added	47684
(c) (18) added	51200
(c) (19) added	51200
(c) (8) revised	62984
(c)(18) and (19) correctly designated as (c)(19) and (20)	72150
(c)(22) added	†16688
(c)(23) added	†17550
(c) (21) added	†24182
52.324 (c) removed	47685
(c) added	†24182
52.327 Corrected	72150
(a)(2) and (3) removed	†24182
(a)(1) removed	†47685
(a)(5) removed	†51200
52.328 Removed	47684
Added	72151
Removed	†16688, 24182
52.329 Revised	†24182
52.329 Revised	†24182
52.343 Revised	52741
52.370 (c) (11) added	84787
(c) (12) added	†23412
State implementation plan notice	†26484
(c)(13) added	†26640
52.371 Table amended	84787
State implementation plan notice	†26484
52.372 Revised	84787
State implementation plan notice	†26484
52.373 Revised	84787
State implementation plan notice	†26484
52.374 Revised	84787
State implementation plan notice	†26484
52.380 * (c) and (d) added	84787
State implementation plan notice	†26484
52.382 (a) and (b) revised	52741
52.420 (c) (14) added	51199
(c) (12) correctly designated	55422
(c)(15) added	†26768
52.432 (a) and (b) revised	52741
(c) correctly added	†31262
52.470 (c) (8) revised and (c) (9) added	55720

NOTE: Symbol (†) refers to 1981 page numbers.

* Appears as § 52.390 in 45 FR.

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued

(c) (13) corrected.......... 55422
(c) (17) added.......... †9948
52.476 (a) introductory text, (b) introductory text, (b) (1) through (6) removed; (c), (d) introductory text, (d) (1), and (2) (e)(1), and (h) introductory text and (h) (1) through (4) redesignated as (a), (b) introductory text and (b) (1), (2), (c) introductory text and (c) (1) and (d) introductory text and (d) (1) through (4).... †9948
52.499 Revised.......... 52741
52.520 (c) (20) added.......... 59577
(c) (23) added.......... 69888
(c) (22) added.......... 75212
(c) (24) added.......... 82633
(c)(26) added.......... †17020
(c)(27) added.......... †26641
52.527 Removed.......... †26641
52.530 (a) and (b) revised.......... 52741
(c) added.......... †17020
52.570 (c)(17) revised.......... †17777
(c)(21) added.......... †25093
(c)(20) added.......... †27932
52.573 Removed.......... †17777
52.632 Revised.......... 52741
52.670 (c)(16) and (17) added.......... 70261
(c) (18) added.......... †15136
52.671 Amended.......... 70261
52.672 (d) added.......... 70261
(d) correctly designated as (e).... 81041
52.680 Amended.......... 70261
52.683 Revised.......... 52741
52.684 Added.......... 70261
52.685 Added.......... 70261
52.686 Added.......... 70261
52.720 (c)(22) and (23) added.......... 62806
(c) (24) added.......... 70450
(c) (25) added.......... †8473
(c) (26) added.......... †15137
52.724 (b) through (f) added.......... 62806
(a) revised.......... 62809
52.725 (a) revised.......... 62809
52.726 (b) revised.......... 55197
(a) revised.......... 62810
52.729 (b) revised.......... 62810
52.736 Revised.......... 62810
52.737 Revised.......... 62810
(b) revised.......... †8473
52.738 Revised.......... 52741
(c) added.......... †9584
52.739 Added.......... †23237
52.740 Added.......... †23237

NOTE: Symbol (†) refers to 1981 page numbers.

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued

52.770 (c)(21) added.......... †38
(c)(20) added.......... †27341
52.773 (d) added.......... †38
52.783 Table revised.......... †27341
52.786 (h) added.......... †38
52.793 Revised.......... 52741
(c) added.......... †9584
52.820 (c)(31) and (36) added.......... †17779
(c)(25) revised; (c)(30), (32), and (33) added.......... †22372
Authority citation corrected.... †26768
52.826 (d) and (e) added.......... †22372
52.827 Table amended.......... †17779
Revised.......... †22372
52.833 (a) and (b) revised.......... 52741
52.870 (c) (9) added.......... †20170
52.873 Amended.......... †20170
52.875 Added.......... †20170
52.879 Table and notes revised... †20171
52.880 Added.......... 79809
52.884 (a) and (b) revised.......... 52741
52.920 (c) (13) added.......... 72157
(c) (14) added.......... 85002
(c)(15) added.......... †31261
52.923 Revised.......... 72157
52.926 Revised.......... 72157, 85003
52.928 Revised.......... 72158
(a)(1)(iii) revised.......... †20172
52.930 (a) (2) removed; (b) added.......... 62811
52.931 (a) and (b) revised.......... 52741
52.935 Added.......... 85003
52.936 Added.......... 72158
52.986 (a) and (b) revised.......... 52741
52.1020 (c) (12) added.......... 59314
(c) (11) amended.......... 81042, †898
(c) (13) added.......... †6942
52.1024 Corrected.......... †33524
52.1025 (e)(4) removed.......... †899
52.1027 (a) (2) removed.......... 59314
(a)(1) removed; (a)(2) redesignated as (a).......... 81042
52.1070 (c)(23) and (24) added.......... 45277
(c) (27) and (28) added.......... 53474
(c)(35) added.......... 55180
(c)(34) added.......... 58341
(c)(33) added.......... 58526
(c)(36) added.......... †17192
52.1071 Amended.......... 53474
52.1072 (c) through (e) added.......... 53475
52.1073 (f) revised.......... 53475
52.1078 Table revised.......... 53475
52.1116 (a) and (b) revised.......... 52741

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued

52.1120 (c) (29) correctly designated 48131
(c)(17) amended 53477
(c)(27) added 56345
(c)(31) added 59578
(c)(26) amended 59580, 61303
(c)(30) added 61303
(c)(32) added 82252
(c)(33) added .... †4918
(c)(34) added .... †8476
(c)(36) added .... †15138
(c)(37) correctly designated from (c)(36) .... †33525
52.1121 Amended 61303
52.1122 (d) added 61303
52.1123 Revised 61303
52.1127 Corrected .... †33524
52.1126 (f) amended 82252
(b) amended .... †4918
(f) amended .... †8476
52.1127 Revised 61303
52.1166 (a) (2) removed 59580
Revised 61303
52.1170 (c) (29) added 53138
(c)(28) added 82927
(c)(30) added 85005
(c)(31) added .... †8477
(c)(32) added .... †15138
(c)(30) correctly designated .... †16895
(c)(35) added .... †22374
(c)(33) added .... †25462
(c)(34) added .... †26642
(c)(16), (18) and (19) revised; (c)(37) added .... †27931
(c)(16) removed; eff. 7-6-81 .... †30084
(c)(38) added; eff. 7-6-81 .... †30084
52.1173 Revised 58528
Revised .... †27931
52.1174 Revised 58528
52.1175 (e) table amended ...53138, 56345
(e) table amended ...†8477, 24562, 26643
52.1180 (a) and (b) revised 52741
52.1181 Added; effective 7-6-81 .... †30084
52.1182 Added; effective 7-6-81 .... †30084
52.1220 (c) (16) added .... †15139
(c) (16) added .... †20997
52.1226 Revised .... †20997
52.1234 (a) and (b) revised 52741
52.1270 (c) (12) added 46384
52.1280 (a) and (b) revised 52741

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued

52.1320 (c) (19) added 46383
(c)(16) correctly designated from (c)(15), and amended 46807
(c)(20) and (21) added 62814
(c) (22) added 72150
(c) (16) (iv) revised; (c) (23) added 85006
(c) (24) added .... †16896
(c) (25) added .... †20174
(c) (26) added .... †23415
(c)(27) added .... †27933
(c)(18) amended; eff. 7-13-81 ... †31012
(c)(28) added; eff. 7-13-81 .... †31012
52.1323 Amended .... †23415
52.1324 (c) (1) (iv) removed; (c)(1)(v), (vi), (vi)(A) and (B) redesignated as (c)(2), (3), (3)(i) and (ii) 85006
(c)(1) (i), (iii) (C), and (c)(3)(i) removed .... †16896
(c)(4) added .... †20174
(c)(3) introductory text and (c)(3)(ii) removed; eff. 7-13-81 .... †31012
52.1331 (e) added .... †23415
52.1332 Table revised .... †900
52.1335 (b) table amended ...46383, 62814
(a) table amended 72150
(a) table amended .... †23416
(a) table corrected .... †26769
52.1339 (a) and (b) revised 52741
52.1370 (c) (8) added 62984
(c) (9) added .... †15686
52.1373 Revised 76688
52.1375 Revised 62984
Revised 76687
52.1380 Revised 62984
52.1382 (a) and (b) revised 52741
52.1384 Revised 62985
52.1385 Revised 62985
52.1436 (a) and (b) revised 52741
52.1470 (c) (14) added 46384
(c)(14) introductory text revised; (c)(14)(iii) through (v) and (16 through (18) added ... †21765
52.1472 Revised .... †21766
52.1474 Added .... †21766
52.1477 Added 46385
52.1478 Removed .... †21767
52.1480 Table and note revised; note 2 and footnotes e. and f. added .... †21767
52.1481 Revised .... †21767
52.1483 Added .... †21767

NOTE: Symbol (†) refers to 1981 page numbers.

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued

52.1484 Revised.......... 67347
Removed.......... †21767
52.1485 (a) and (b) revised.......... 52741
52.1486 Revised.......... 67347
52.1520 (c) (15) added.......... 59314
(c)(16) added.......... 62815
(c)(17) added.......... 83228
(c)(17) correctly designated..... †16896
52.1525 Removed.......... 62815
52.1527 (a)(4) and (5) removed.... 59314
(b) (1) removed; (b)(2) through (6) redesignated as (b)(1) through (5).......... 83228
52.1529 (a) and (b) revised.......... 52741
52.1570 (c) (26) added.......... 72153
(c) (27) added.......... †21996
(c) (28) added.......... †23417
(c)(29) added.......... †26305
52.1578 (c) added.......... †21996
52.1581 (b) removed.......... 72153
Removed.......... †21997
52.1582 (d) revised.......... †20556
52.1601 (b) Notice of determination.......... †17779
52.1604 (b) revised.......... †26305
52.1603 (a) and (b) revised.......... 52741
52.1620 (c) (16) added.......... 85007
(c) (11) and (15) revised; (c) (16), (17), and (18) added...... †18694
52.1621 Table amended.......... 67347
52.1624 (a) (1) and (b) revised..... 67347
52.1626 (b) added.......... 85007
52.1627 Added.......... †18694
52.1628 (b) added.......... †18694
52.1630 Table amended.......... 67347
52.1634 (a) and (b) revised.......... 52741
52.1670 (c) (52) added.......... 44275
(c)(53) added.......... 53144
(c)(44) revised; (c)(54) added...... 74477
(c)(55) added.......... †8480
(c)(56) added.......... 8481
(c)(56) corrected.......... †16896
(c)(57) added.......... †17557
(c)(58) added.......... †17558
(c) (59) added.......... †23417
(c)(60) added.......... †28157
52.1673 Revised.......... 74477
52.1674 (a) (2); (d) (1) through (3), and (f) (1) removed.......... 44275
Introductory text; introductory texts of (a), (b) and (c) revised; (g) added.......... 74478
(e)(4) removed.......... †8480
(b) removed.......... †17557

Note: Symbol (†) refers to 1981 page numbers.

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued

(e) removed.......... †28157
52.1675 (g) added.......... 53144
52.1682 Table amended.......... 74478
52.1689 (a) and (b) revised.......... 52741
52.1770 (c) (22) added.......... 55425
(c)(23) added.......... 59579
(c)(24) added.......... †17556
(a) revised; (c) (25) added.......... †21600
(c)(26) added.......... †22185
(c)(19) revised; (c)(27) added.... †26770
52.1778 (a) and (b) revised.......... 52741
52.1780 (a) (1) removed.......... 59579
Correctly removed.......... †25294
52.1781 Added.......... 55425
52.1820 (c) (11) added.......... 55425
52.1870 (c) (24) added.......... 72122
(c)(14) through (20) added......... 72140
(c)(21) through (22) added......... 72146
(c)(23) added.......... 79053
(c)(25) added.......... †8490
(c)(25) effective date deferred... †11972
(c)(26) added.......... †15140
(c)(27) added.......... †19741
(c)(25) effective date deferred... †19936
(c)(27) added.......... †24563
(c)(29) added.......... †31884
(c)(28) correctly designated..... †31886
52.1871 Amended.......... 72146
52.1873 Revised.......... 72146
52.1875 Table amended.......... 49552
Revised.......... 72146
Table amended.......... 73928
Revised.......... †19471
Revised.......... †31884
52.1878 (h) added.......... †31885
52.1879 (a) and (b) correctly removed; (e) correctly added... 72122, 82927
52.1880 (d) added.......... †19472
52.1881 (b) (59)(xiv) added; (b) (59)(xvii) revised.......... 49552
(b)(60) (ix) added.......... 62816
introductory text (b)(38)(vi); (38)(vi)(B)—(D) and (38)(vii) revised.......... 73044
(b)(40) (iv) revised.......... 78686
(b)(40) (viii) and (ix) added........ 79452
(a) revised.......... †8490
(a) effective date deferred........ †11972
(b)(29)(ii) revised.......... †17551
(b)(38)(ix) added.......... †17555
(a) effective date deferred........ †19936

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued

(b)(39)(xi)(A) revised; (b)(39)(xi)(B) removed; (b)(39)(xvi) added....................†21768
(b)(39)(iii), (vii)(A) and (ix) revised..†24943
(b)(27)(ix) revised......................†28153
(b)(35)(vi), (vii) and (38)(iii), (iv) policy revision and partial stay..†28650
(b)(23)(vi)(F) added; eff. 7-13-81..†31013
(b)(23)(vii) revised; eff. 7-13-81..†31013
52.1882 (e) revised; (f) added.......49552
(h) added.......................................73929
(g) added.......................................†21769
(i) added...†23927
(b)(8) added....................................†24948
52.1884 (a) and (b) revised...........52741
(c) added...†9584
52.1885 Added................................72142
(a) (4); (b)(3) and (4) revised......72147
(b) (1) and (2) revised...............†24563
52.1886 Added................................72142
(e) added...72147
(a)(1), (2), (b)(1), (2), (3), (c)(1), (d) and (e)(1) revised; (e)(2) removed....................................†24563
52.1887 Added................................72143
(a) (3) and (b) (4) added..............72147
(b)(1) and (2) revised; (b)(3) added; (b)(4) removed............†24564
52.1920 (c)(15) and (16) added.....79052
(c)(14) added...............................†28159
52.1923 Removed...........................79052
52.1924 Removed...........................79052
52.1929 (a) and (b) revised...........52741
52.1930 Removed...........................79052
52.1932 (b) removed.......................79052
52.1970 (c) (32) added...................47427
(c)(26) through (30) correctly designated as (c)(27)—(31)......55422
(c)(33) added.......................................†36
(c) (34) correctly added...†15136, 19819
52.1985 (a)(3) (i) and (ii) correctly removed...............................55422
52.1987 (a) and (b) revised...........52741
52.2020 (c) (33) added...................55179
52.2037 Revised............................†17553
52.2055 (c) revised.......................†17554
52.2058 (a) and (b) revised...........52741
52.2070 (c)(11) added....................†3517
(c) (13) added................................†5980

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued

(c)(12) added...............................†25460
52.2071 Table amended..............†25460
52.2072 Revised...........................†25460
52.2076 Revised...........................†25460
52.2081 Revised...........................†25460
52.2083 (a) and (b) revised...........52741
52.2084 Added..............................†25460
52.2085 Added..............................†25461
52.2120 (c) (12) added...................45581
52.2131 (a) and (b) revised...........52741
52.2170 (c) (7) added.....................58529
52.2178 (a) and (b) revised...........52741
52.2220 (c) (33) added...................53817
(c) (34) added..................................75661
52.2222 Revised.............................53817
52.2225 (b) and (c) added..............53817
52.2230 Revised.............................53818
Table amended................................75661
52.2231 Added................................53817
(b) added...75661
52.2270 (c) (24) added...................52148
52.2275 (a)(3) and (4)(ii) revised...82253
52.2276 Revised.............................82253
52.2291* Removed...........................52148
52.2299 (a)(1) and (2) revised......82253
52.2303 (a) and (b) revised...........52741
52.2320 (c) (7)...............................59581
(c)(8) added...................................†25092
52.2322 (h) and (i) added............†25092
52.2346 (a) and (b) revised...........52741
52.2370 (c) (11) added...................59315
(c)(13) correctly added.............†16897
(c)(12) added................................†17193
52.2375 Corrected........................†33525
52.2382 (a) removed; (b) redesignated as (a).............................59315
(a)(1) removed...............................66789
(a) (2) through (6) correctly redesignated as (a) (1) through (5)...†16897
52.2420 (c)(27) and (28) added.....55195
(c) (29) through (32) added........66795
(c) (33) through (36) added........66792
(c)(38) added..................................80531
(c) (27) through (37) correctly designated and republished....85749
(c)(40) added.................................†17194
(c)(39) added.................................†22583
52.2422 (c) Added..........................55195
52.2423 (c) through (f) added......55195
(d) added...66795
(c) through (f) corrected............85749

NOTE: Symbol (†) refers to 1981 page numbers.

* Appears as § 52.2271 at 45 FR 52148, Aug. 6, 1980.

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued

(g) added....†22583
52.2429 Table revised.... 55196
52.2431 Heading revised; (d) added.... 55196
(e) correctly designated and republished.... 85750
(e)(1) through (4) revised.... †22187
52.2436 (b) added.... 55197
52.2451 (a) and (b) revised.... 52741
(c) added.... †29708
(c) added.... †31262
(c) added.... 33525
52.2470 (c) (22) added.... 50751
(c)(23) added.... 85009
(c)(24) added.... †21994
52.2479 (a)(4) through (6) added.... 50751
52.2487 (a)(2) added.... 85009
52.2497 (a) and (b) revised.... 52741
52.2520 (c)(10) through (12) added.... 54051
(c)(9) corrected.... 56060
(c)(13) added.... 74480
(c)(13) correctly designated.... 76688
52.2522 (c) correctly designated; (d) added.... 54051
(e) added.... 74480
52.2523 Table revised.... 54052
52.2528 (a) and (b) revised.... 52741
52.2529 Added.... 54051
52.2530 Added.... 54052
52.2531 Added.... 54052
52.2532 Added.... 54052
52.2570 (c) (12) revised; (c)(14) and (15) added.... †21168
(c)(18) added.... †22376
(c)(19) added; eff. 7-9-81.... †30496
(c)(16) and (17) added.... †25300
52.2575 Added.... †21168
52.2581 (a) and (b) revised.... 52741
(c) added.... †9585
52.2577 Revised.... †21168, 25300
52.2582 Revised.... †21168
52.2583 Added.... †25301
52.2620 (c) (12) added.... †23412
52.2670 (c)(2)(iii) and (3) added.... †26303
52.2672 Revised.... †26303
52.2676 (a) and (b) revised.... 52741
52.2678 (c) added.... †26303
52.2679 Added.... †26304
52.2720 (c)(26) and (27) added.... 72658
(c)(28) added.... †23417
52.2722 Revised.... 72658

NOTE: Symbol (†) refers to 1981 page numbers.

40 CFR—Continued

45 (46†) FR Page

Chapter I—Continued

52.2723 Revised.... 72658
52.2729 (a) and (b) revised.... 52741
52.2732 Added.... 72658
52.2770 (c) (11) added.... †23417
52.2779 (a) and (b) revised.... 52741
52.2827 (a) and (b) revised.... 52741

1981-1982

(Regulations published July 1, 1981 through June 30, 1982)

40 CFR

46 (47Δ) FR Page

Chapter I

52 Incorporation by reference approvals.... 47938
Policy statement.... 51386
Interpretation.... 62651
State implementation plan processing procedures.... Δ27073
52.21 (b)(3)(vi)(*b*), (4), (5), (6), and (17) temporarily deferred in part.... 36699
(b) (5) and (6) deferred in part.... 61612
(b) (6) and (18) amended.... Δ27561
52.24 (f) (1), (2), (4), (7)(v)(*b*), and (15) temporarily deferred in part.... 36699
(j) added.... 41498
(f)(2) amended; (f)(3), (9) and (10) removed; (f)(4) through (8) and (f)(11) through (20) redesignated as (f)(3) through (7) and (f)(8) through (17).... 50771
(f) (1) and (2) deferred in part.... 61612
(f) (2) and (8)[1] amended.... Δ27561
52.50 (c)(27) added.... 42659
(c)(29) added.... 46131
(c)(28) added.... 53410
(c) (22) and (23) added.... 55107
(c)(32) added.... 55518
(c)(33) added.... 57485
(c)(31) added.... 61122
(c)(30) added.... 62061
(c)(34) added.... 63044
(c)(35) added.... Δ7661
52.52 Added.... 55107
Existing text designated as (a); (b) added.... 63044
52.54 Table amended.... 55107
52.60 (a) and (b) removed.... 55518
52.120 (c)(41) added.... 40513

NOTE: Symbol (Δ) refers to 1982 page numbers.

[1] Appears as paragraph (f)(18).

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued

(c)(48) added....45606
(c)(49) added....46809
(c)(48) removed....Δ5412
(c)(28)(i)(B), (35), (44)(i)(B), and (46) added....Δ15580
(c)(38) and (51) added....Δ16328
(c)(27)(i)(B), (29), (43)(i)(B), (45)(i)((B), (47), (50) and (52) added....Δ17485
(c)(27), (28), (32), (36), (39), (43), (44) and (45) added....Δ19328
(c)(50)(ii), (52)(ii) and (53) added; eff. 8-17-82....Δ26384
(c)(43)(ii) and (48) added; eff. 7-30-82 added....Δ28374
52.122 (d)(1) revised; (e) added... 45606
(d)(1) revised; (e) removed....Δ5412
Revised....Δ19328
52.123 (c) and (d) added....Δ19329
52.124 Added....Δ19329
52.131 Table amended....45607
Table amended....Δ5412, 19329
Footnote (f) correctly designated....Δ28373
52.136 Revised....Δ19329
52.137 (a)(1) removed; (b) revised....Δ19329
52.138 (a)(1); (c)(1)(i), (2)(i), and (3)(i) removed; (b) and (d)(2) revised....Δ19329
52.139 Removed....Δ19329
52.170 (c)(20) added....40006
(c)(7) and (8) correctly designated as (c)(9) and (10); (c)(11) added....43146
(c)(12) added....43147
(c)(13) added....50371
(c)(16) added....Δ1291
(c)(15) added....Δ2112
(c)(14) added....Δ2113
(c)(17) added....Δ16330
(c)(19) added; eff. 7-2-82....Δ18861
(c)(18) added; eff. 7-6-82....Δ19136
(c)(20) correctly designated....Δ28373
52.176 Table amended....Δ16330
52.181 Revised....Δ2112
52.220—52.280 (Subpart F) Petition for reconsideration denied....Δ20124
52.220 (c)(90) added....40513
(c)(47)(iii)(B); (51)(i)(B); (52)(i)(B); (71); (75); and (76) added....42459

NOTE: Symbol (Δ) refers to 1982 page numbers.

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued

(c)(67)(ii); (70)(i)(B); (79)(ii); (86)(i)(C); and (88)(ii) added...43969
(c)(50)(x); (51)(vii)(B); (58)(ii)(B); (65); (67)(i)(B); (69)(ii); (70) (i)(C) and (ii); (79) (iv) and (v); (87)(ii); (88)(iii); and (96) added....47452
(c)(51) (viii)(B), (ix)(B), and (x)(B); (52) (iv)(B), (v)(B), (vi)(B), (vii)(B), (ix)(B), and (xv)(B); (67)(iii); (83)(iii)(B); (85) (i)(B) and (ii); (87)(iii); (88) (i)(B) and (v); (94), and (95) added....60203
(c)(99) added....Δ3110
(c)(51)(xviii) added....Δ3354
(c)(89) (iii) and (iv) added....Δ3549
(c)(96) (ii), (iii) and (iv); and (98)(ii) added....Δ3550
(c)(51) (xvi), (xvii); (52) (xvi), (xviii), (xix); (54) (iv), (vi) through (viii); (58) (vi), (vii); (67)(iv); (70)(iii); and (79)(vi) added....Δ3550
(c)(113) through (115) added...Δ10208
(c)(66)(ii)(A); (72); (73); (86); (87); (101); and (104) added...Δ11869
(c)(112) added....Δ13141
(c)(51)(xix); (52)(xvi)(B); (54)(ix); (85)(vi); (89)(iii)(B); and (98)(i) (B) and (C) added....Δ15586
(c)(84)(vii); (89)(vi); (92) (iii) and (iv); (95)(iii); (98)(iii) through (vi); and (103)(vi) through (xi) added....Δ15785
(c)(116) through (118) added...Δ15788
(c)(51)(xv)(B); (80)(i)(B); (92)(ii)(B); and (93) (iii) and (iv) added....Δ17487
(c)(58)(v); (89)(iii); (91)(ii) and (98) added....Δ18856
(c)(74)(ii); (77)(ii); (103)(iii); and (105) added....Δ19331
(c)(50)(vi); (51) (viii) through (x); (52) (iv) through (ix); (71) (i) through (iv); (83)(ii); (84) (i) through (vi); (85)(i); (88)(i); (89)(i); (92)(i); (93)(i); (102) (i) and (ii); and (103)(i) added; and introductory texts of (c) revised....Δ19696

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued

(c)(51)(xiv)(B); (52)(xviii)(B); (54) (ii)(B), (viii)(B); (70)(iv); (86)(ii); (87)(viii); (103)(xiii) through (xvii); and (119) added; eff. 7-26-82..................Δ23160
(c)(52)(xvii); (85)(iv); (100), and (103)(ii) added; (c)(64)(i)(A) corrected; eff. 7-6-82..............Δ24307
(c)(51)(xii)(B); (85)(v); (87) (iv) and (v); and (106) through (108) added.............................Δ25015
(c)(52) (xiii)(D) and (xxi); (54) (iv)(C), (x) through (xii); (58) (iii)(B) and (ix); (80)(i)(C); (93) (iii)(B) and (iv)(B); (95)(vi); (119)(ii); and (121)(iii) added; eff. 8-17-82... Δ26381
(c)(50)(vi)(B); (51) (viii)(C), (ix)(C), and (x)(C); (52) (iv)(C), (v)(C), (vi)(C), and (vii)(C); (85) (i)(C), (ii)(B), and (ix); (87)(iii)(B); (88) (i)(C), and (v)(B); (93) (i)(B) and (v); (95)(v)(B); and (102)(ii)(B) and (iii) added; eff. 8-17-82............................. Δ26385
(c)(50)(ix)(B); (51)(xx); (52)(xx); (54)(i)(C); (56)(ii)(B); (58)(viii); (79)(iii)(B); (85)(vii); (87) (vi), and (vii); (95)(ii)(B); and(103) (iv)(B), (v)(B) and (xii) added; eff. 8-17-82............................. Δ26390
(c)(67)(iv)(B); (92)(v); (94)(iii); (101)(ii); and (103)(iii) (B) and (C) added; eff. 8-20-82........... Δ26619
(c)(51)(xiv)(B); (80) (i)(B), and (ii); and (81)(i)(B) added....... Δ27068
(c)(78)(ii) added; eff. 7-30-82... Δ28375
52.222 (b)(4) added.......................42460
(b)(6) added.............................. Δ19331
(b)(5) and (d)(4) added.............Δ19697
(d)(6) added.............................. Δ25015
(d)(2) added.............................. Δ27068
52.223 (b)(5) added.......................42460
(c)(2) added...............................Δ11869
(b)(9) added.............................. Δ13141
(b)(7) added.............................. Δ18856
(b)(6) added.............................. Δ19331
(b)(5)(ii) through (vii) added... Δ19697
(b)(8) added.............................. Δ25015
(d) added.................................. Δ27069
52.226 (a) removed....................... 42461

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued

52.231 (a) removed........................ 42461
52.232 (a)(5) and (6) added.......... 42460
(a)(4)(i)(B) and (ii) through (iv) removed.................................. Δ10208
(a)(7) added............................... Δ11869
(a)(3)(i)(B), (ii) through (iv) removed.......................................Δ15788
(a)(12) added............................. Δ18856
(a)(9) added............................... Δ19331
(a)(10) added............................. Δ19697
(a)(4)(v) added; eff. 7-6-82....... Δ24308
(a)(13) added............................. Δ25015
(a)(8) added............................... Δ27069
52.233 (a)(4) added; (d)(7) and (g)(1)(vii) removed....................42460
(d)(8), (11), (13), (20), (24), (26) and (g)(1)(viii) removed........ Δ19697
(d)(3), (18); (g)(1)(iii) and (xvi) revised.......................................Δ27069
52.237 (a)(2) added..................... Δ11869
52.238 Table amended..................42461
Table amended.........................Δ11870, 13141, 11869, 18856, 19332, 19697, 25015, 27069
Footnote j added; eff. 7-30-82... Δ28375
52.239 Added.............................. Δ11870
52.245 Removed............. Δ19698, 27069
52.246 (b)(1)(iv) added.............. Δ15586
(b)(1)(iii) added.........................Δ18856
(b)(3) added; eff. 8-17-82..........Δ26385
52.252 (b)(1)(iv) added.............. Δ15586
(b)(1)(iii) added.........................Δ18856
(b) introductory text revised; (b)(2) removed....................... Δ19332
52.253 (b)(3) added.......................42461
(b)(4) added.............................. Δ11870
(b)(1)(v) added......................... Δ15586
(b)(1)(iv) added........................ Δ18856
(b)(2)(iii) added.........................Δ19932
(b)(3) (ii) through (vii) added... Δ19698
(b)(5) added; eff. 7-6-82............Δ24308
52.254 (a)(1) introductory text and (ii) revised; (a)(1)(i) removed.. 42461
(a)(4) revised............................ Δ11870
(a)(3)(vi) added......................... Δ15587
(a)(3)(v) and (5) added.............Δ18856
(a)(1)(i) added.......................... Δ19698
52.255 (b)(1)(ii) removed; (b)(3)(ii) added.........................42461
(b)(3)(xiv) added.........................Δ3550
(b)(3)(xiii) added........................Δ18856

NOTE: Symbol (Δ) refers to 1982 page numbers.

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued
(b)(1)(v) through (ix) removed; (b)(3)(ix) added......Δ19332
(b)(1)(iii), (v), (viii), and (ix) removed; (b)(3)(iii) through (viii) added......Δ19698
(b)(1)(i) and (2) added; eff. 8-17-82......Δ26390
(b) introductory text revised......Δ27069
52.256 (b) introductory text revised......60203
(b)(1)(ii) added......Δ19332
(b)(2) added......Δ19698
52.261 Removed......Δ11870
52.262 Removed......Δ11870
52.264 Removed......Δ27069
52.265 Removed......Δ19698
52.274 (j) through (o), (s) and (t) removed; eff. 8-20-82......Δ26619
52.280 (b)(1)(ii) added......Δ25016
52.320 (c)(24) added......58080
(c)(26) added......59537
(c)(25) added......Δ4258
52.331—52.340 Removed......58080
52.370 (c)(11) corrected......34801
(c)(16) correctly added......43418
(c)(14)(and (15) added......43422
(c)(17) added......51915
(c)(18) added......56615
(c)(19) added......62062
(c)(20) added......Δ763
(c)(25) correctly added....Δ6828, 28373
(c)(23) added; eff. 7-7-82......Δ24552
52.373 (a) added......56615
52.380 Correctly designated......34801
(d)(1) and (2) removed; (d)(9) and (10) and (e) added......56615
(d)(9)(ii) and (iv) removed......62062
(c)(1), (3) and (6) removed......Δ763
52.420 (c)(17) added......43150
(c)(18) added......43677
(c)(22) added......47544
(c)(18) through (20) added......47779
(c)(16) added......53663
(c)(26) and (27) added......Δ5718
(c)(23) through (25) added......Δ10536
(c)(28) and (29) added......Δ11014
(c)(18) correctly designated as 52.470 (c)(18)......Δ28373
52.432 (b) revised......Δ11014
52.433 Revised......47779
Removed......Δ10536
52.470 (d) redesignated as (c)(4); old (c)(4) through (8) redesignated as (c)(5) through (9); (c)(18) through (21) added......61262

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued
(c)(10) correctly designated and (c)(18) correctly designated from 52.420(c)(18)......Δ28373
52.471 Table amended......61263
52.472 (c) revised......61263
52.473 Added......61263
52.474 Removed......61263
52.476 Removed......61263
52.478 Removed......61263
52.479 (a) and (c) removed; (b) revised......61263
52.481 Table revised......61263
52.483 Removed......61263
52.490 Removed......61263
52.491 Removed......61263
52.492 Removed......61263
52.493 Removed......61263
52.494 Removed......61263
52.495 Removed......61263
52.496 Removed......61263
52.520 (c)(28) added......36700
(c)(25) added......43151
(c)(29) added......47220
(c)(36) added......53141
(c)(31) added......55970
(c)(33) added......57486
(c)(32) added......57488
(c)(35) added......61122
(c)(18) amended; (c)(30) added......61270
(c)(34) added......62061
Technical correction......62850
(c)(40) added......Δ3112
(c)(41) added......Δ13337
(c)(42) added......Δ15583
(c)(38) added......Δ15794
(c)(43) added; eff. 7-9-82......19994
(c)(46) added; eff. 8-17-82......Δ26386
(c)(44) added; eff. 7-29-82......Δ28097
52.528 (b) removed......61270
Technical correction......62850
52.570 (c)(22) added......40007
(c)(23) added......41051
(c)(24) added......41499
(c)(25) added......54941
(c)(29) added......55968
(c)(28) added......57488
(c)(26) added......Δ6018
(c)(27) added......Δ15795
52.581 (a) and (b) removed......Δ6018
52.620 (c)(12) added......40513
(c)(13) added......Δ3111
52.720 (c)(16) introductory text revised......44185
(c)(27) and (28) added......51605

NOTE: Symbol (Δ) refers to 1982 page numbers.

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued
(c)(33), (34), and (35) added........56198
(c)(16) amended; (c)(36) and (37) added.................................57895
(c)(24) comment response and petition for reconsideration... Δ8772
(c)(29) added..............................Δ12166
(c)(30) added..............................Δ13338
(c)(16)(i) through (iii) removed......................................Δ17816
(c)(32) added..............................Δ22363
(c)(31) added; eff. 7-9-82.......... Δ25009
(c)(33) and (34) added; eff. 7-21-82...Δ26620
52.725 (a)(3) added; (b) revised; (c) removed.................................44185
(a)(1) removed............................... 59972
(a) removed; eff. 7-21-82.......... Δ26620
52.726 (a)(1) removed; eff. 7-21-82..Δ26620
52.737 Removed............................56198
52.770 (c)(23) added.....................40005
(c)(22) added...............................44448
(c)(25) and (26) added..................54943
(c)(27) and (28) added..................57895
(c)(30) added..............................Δ4992
(c)(29) added..............................Δ6275
(c)(24) added..............................Δ6622
(c)(19) added..............................Δ10824
(c)(31) added..............................Δ20586
(c)(32) added; eff. 8-23-82........ Δ26833
52.773 (e) added........................... Δ6275
(c) added.......................................Δ6623
(a) revised; (b) added................Δ10825
(b) revised.................................. Δ20586
52.783 Revised..............................Δ6275
52.795 (c), (d), and (e) added..... Δ10825
52.820 (c)(37) added.....................51607
(c)(38) and (40) added.................59974
(c)(34) added...............................Δ1120
(c)(39) added...............................Δ9462
(c)(41) added...............................Δ15583
(c)(42) added...............................Δ15584
(c)(26a) added; eff. 7-26-82...... Δ22533
52.822 (b) removed.......................47546
52.823 Amended........................... 47546
52.825 (c) table amended............ 51607
(c) table amended...................... Δ15584
52.826 (b) removed.......................47546
(a), (c), and (e)(1) and (2) removed... 59974
(e) removed.................................Δ9462
52.827 Amended........................... 47546

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued
52.870—52.884 (Subpart R) State implementation plan documents availability...Δ11661, 12965
52.870 (c)(10) added......................51743
(c)(11) added...............................61118
(c)(12) added...............................Δ3113
(c)(13) added...............................Δ8358
(c)(13) correctly added; eff. 7-19-82...Δ26388
52.873 Amended................ 35089, 61118
52.875 (a)(1) revised.......................35090
(a)(3)(ii) removed; eff. 7-19-82...26388
52.879 Table amended...... 51743, 61118
52.920—52.936 (Subpart S) Final determination...........................Δ6624
52.920 (c)(17) added......................40187
(c)(16) added...............................40189
(c)(20) added...............................45610
(c)(19) added...............................53410
(c)(25) added...............................53411
(c)(18) added...............................56199
(c)(24) added...............................57044
(c)(22) added...............................57488
(c)(21) and (27) added.................58082
(c)(23) added...............................58083
(c)(26) added...............................Δ1292
(c)(28) added...............................Δ9833
(c)(29) added...............................Δ15789
(c)(32) added; eff. 7-12-82........ Δ20126
(c)(30) added; eff. 8-9-82.......... Δ25012
52.922 (d) and (e) added.............. 40187
52.930 (a) removed....................... 40189
(a) added.......................................57488
(b)(1) revised...............................58082
52.932 (b) and (c) redesignated from 52.936 (a) and (b)............40188
52.936 Removed; regulations redesignated as 52.932 (b) and (c)... 40188
52.970 (c)(20) added..................... 40006
(c)(24) and (25) added.................53413
(c)(16) revised; (c)(20) through (22) added...............................Δ6017
(c)(14) added...............................Δ6624
(c)(28) through (31) added....... Δ16016
(c)(23) and (26) added............... Δ16017
(c)(33) added; eff. 7-9-82.......... Δ19994
(c)(34) and (36) through (38) added; eff. 8-9-82...................Δ25013
52.973 Removed........................... Δ6017
52.976 (c) removed....................... Δ6017
52.980 (c) added............................Δ3116
52.1020 (c)(14) added....................43152
(c)(15) added.................................Δ948

NOTE: Symbol (Δ) refers to 1982 page numbers.

40 CFR—Continued

Chapter I—Continued

	46 (47Δ) FR Page
(c)(11) amended; (c)(17) added	Δ6830
(c)(16) added	Δ9463
52.1024 Table amended	Δ6830
52.1025 (e) removed	Δ6830
52.1027 Amendment [45 FR 81042] withdrawn	Δ28373
52.1030 Added	Δ948
52.1070 (c)(45) added	39822
(c)(48) added	41778
(c)(44) added	43679
(c)(46) and (47) added	44450
(c)(49) added	44758
Heading revised; (c)(37) through (40) added	45336
(c)(43) added	45339
(c)(41) and (42) added	45341
(c)(51) and (52) added	49588
(c)(50) added	49853
(c)(53) added	50070
(c)(54) added	56195
(c)(56) and (57) added	61264
(c)(55) added	62848
(c)(59) added	Δ7835
(c)(60) through (62) added	Δ7836
(c)(63) added	Δ15141
(c)(64) added; eff. 7-9-82	Δ19995
(c)(19) and (20) revised; (c)(58) added	Δ20127
(c)(67) added; eff. 7-19-82	Δ26382
52.1073 (b) revised; (c) and (e) removed; (d) redesignated as (c) and revised; (f) redesignated as (d)	Δ20128
52.1074 (a) and (b) removed; (c) redesignated as (a)	Δ20128
52.1075 Added	45341
(a) and (b) removed; (c) redesignated as (a)	Δ20128
Removed; eff. 7-19-82	Δ26382
52.1076 Removed	Δ20128
52.1077 (b) and (c) removed	Δ20128
52.1080 (c) through (e), (h), (i) and (k) removed	Δ20128
52.1081 Removed	Δ20128
52.1083 Removed	Δ20128
52.1084 Removed	Δ20128
52.1089—52.1100 Removed	Δ20128
52.1103—52.1106 Removed	Δ20128
52.1108—52.1109 Removed	Δ20128
52.1111 Removed	Δ20128
52.1116 (b) revised	Δ7835

NOTE: Symbol (Δ) refers to 1982 page numbers.

40 CFR—Continued

Chapter I—Continued

	46 (47Δ) FR Page
52.1120—52.1166 (Subpart W) State implementation plan documents availability	54939
52.1120 (c)(38) added	40688
(c)(30) revised	43148
(c)(35) added	44186
(c)(33) amended	46133
(c)(39) added	47451
(c)(43) added	61119
(c)(41) added	61124
(c)(44) added	Δ3353
(c)(45) added	Δ6013
(c)(40) added	Δ9836
(c)(42) added	13144
(c)(42) amended and (c)(48) added; eff. 7-2-82	Δ23927
(c)(46) added	Δ15790
(c)(49) added; eff. 8-9-82	Δ25008
52.1122 (b) removed; eff. 8-30-82	Δ28373
52.1126 (b) amended	46133
52.1129—52.1130 Removed; eff. 8-30-82	Δ28373
52.1132—52.1133 Removed; eff. 8-30-82	Δ28373
52.1138—52.1140 Removed; eff. 8-30-82	Δ28373
52.1144 Removed; eff. 8-30-82	Δ28373
52.1145 (j)(8) added; eff. 8-30-82	Δ28373
52.1146 Removed; eff. 8-30-82	Δ28373
52.1148—52.1149 Removed; eff. 8-30-82	Δ28373
52.1151—52.1157 Removed; eff. 8-30-82	Δ28373
52.1160 Removed; eff. 8-30-82	Δ28373
52.1161 (b)(2) through (8), and (c) through (k) removed; eff. 8-30-82	Δ28373
52.1166 (b) added	43148
(a)(8) and (9) removed	Δ3353
(a)(2) through (5) removed	Δ9836
52.1170 (c)(36) added	34584
(c)(39) added	43423
(c)(41) added	57896
(c)(40) added	58674
(c)(42) added	Δ1293
(c)(44) added	Δ3765
(c)(48) added	Δ3765
(c)(45) through (47) added	Δ6014
(c)(50) added	Δ6828
(c)(49) added	Δ7228

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued

(c)(43) added..........Δ7662
(c)(52) and (53) added..........Δ12626
(c)(51) added..........Δ15793
(c)(48) corrected..........Δ19133
(c)(54) and (55) added; eff. 7-19-82..........Δ21535
52.1175 (e) table amended...34585, 58674
(e) table amended...Δ3766, 6014, 6829, 7662, 12626
52.1220 (c)(18) added..........57896
(c)(19) added..........59973
(c)(20) added..........Δ19522
(c)(21) added; eff. 7-21-82..........Δ26624
52.1226 Revised..........Δ19522
52.1230 Added..........Δ19522
52.1320—52.1339 (Subpart AA) State implementation plan documents availability..........Δ6829
52.1320 (c)(30) added..........43139
(c)(16)(iii) revised; (c)(29) added..........45131
(c)(32) added..........53142
(c)(33) added..........54732
(c)(31) added..........55519
(c)(34) added..........55969
(c)(35) added..........61123
(c)(33) removed..........Δ15581
Introductory text (c)(16), introductory text (c)(18), introductory text (c)(25) amended; (c)(25)(vii) revised and (c)(36) added; eff. 7-12-82..........Δ25144
(c)(37) added..........Δ26834
(c)(33) correctly designated..........Δ28373
52.1324 (c)(1)(ii) removed..........43140
(c)(2) removed..........45131
(c)(1) introductory text and (iii)(A) and (B) removed..........55519
(c) removed; eff. 7-12-82..........Δ25144
52.1332 Table footnotes correctly added..........Δ19523
52.1335 (a) table amended...53142, 55969, 61123
52.1339 Removed..........Δ26835
52.1370 (c)(10) correctly designated..........Δ28373
52.1382 (c)(3) added; eff. 7-2-82..........Δ23928
52.1420 (c)(21) added..........49123
(c)(22) added..........Δ3114
(c)(23) and (24) added; eff. 7-26-82..........Δ22955

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued

52.1424 Removed; eff. 7-26-82...Δ22955
52.1429 Removed; eff. 7-26-82...Δ22955
52.1470 (c)(19) added..........40513
(c)(14)(vii), (16)(viii) and (ix), (17)(ii), (19)(ii) and (22) added..........43142
(c)(20) added..........45607
(c)(24) added..........Δ9834
(c)(21), (23) and (24)(ii) added added..........Δ15792
(c)(14)(viii), (16)(x), (22)(ii), and (24)(iv) added; eff. 8-17-82..........Δ26387
(c)(24)(iii) added..........Δ26621
(c)(16)(vii) added..........Δ27069
(c)(14)(vi) and (16)(viii) added; eff. 7-23-82..........Δ27071
(c)(19)(iii) added; eff. 7-30-82...Δ28375
52.1472 (b)(7) added..........Δ27069
52.1474 (a) (1), (2) and (3) removed..........Δ15792
(a)(4) added..........Δ27069
52.1476 (c) added..........43142
52.1478 Added..........43142
52.1480 Table amended..........45607
Table amended..........Δ27070
52.1481 (c)(1) revised..........45607
(b)(7) added..........Δ27070
52.1485 Revised..........Δ26621
52.1520 (c)(18) added..........36700
(c)(19) added..........Δ764
(c)(20) added; eff. 8-6-82..........Δ24554
52.1527 (a)(1) removed..........Δ764
52.1570 (c)(30) added..........47780
(c)(31) added..........54543
(c)(32) added; eff. 8-10-82..........Δ25335
52.1582 (c) removed..........57677
52.1583—52.1585 Removed..........57677
52.1587—52.1591 Removed..........57677
52.1593 Removed..........57677
52.1595 Removed..........57677
52.1599 Removed..........57677
52.1600 Removed..........57677
52.1605 Amended..........57677
Added..........61266
52.1620 (c)(20) added..........40006
(c)(21) added..........42065
(c)(22) added..........43153
(c)(23) through (25) added..........Δ13339
(c)(29) added..........Δ16331
(c)(26) added; eff. 7-2-82..........Δ18859
(c)(28) added..........Δ19333

NOTE: Symbol (Δ) refers to 1982 page numbers.

40 CFR—Continued

Chapter I—Continued

	46 (47Δ) FR Page
(c)(27) added; eff. 7-6-82	Δ19334
(c)(17) through (29) correctly designated	Δ28373
52.1624 (d) removed	43154
Removed	Δ19333
52.1625 Revised	43152
52.1626 (b) table amended	13340
52.1628 (a)(1) through (3) revised	43152
52.1630 Table amended; eff. 7-6-82	Δ19335
52.1670 (c)(61) added	44982
(c)(63) added	47071
(c)(44)(v) revised	55692
(c)(64) added	Δ7665
(c)(65) added	Δ9464
(c)(65) corrected	Δ10208
52.1673 Revised	44982
52.1676 (b) added	55693
52.1678 Added	55693
52.1679 Added	55692
Table amended	62064
52.1680 Added	55693
52.1683 Removed	62064
52.1770 (c)(28) added	43138
(c)(29) added	58083
(c)(30) added	Δ7837
52.1778 (a) and (b) removed	Δ7837
52.1870 (c)(31) added	41053
(c)(30) added	43423
(c)(31) removed	53411
(c)(16) and (22) revised	57489
(c)(32) added	57491
(c)(33) and (34) added	57896
(c)(38) added	61655
(c)(37) added	62849
(c)(39) added	Δ3115
(c)(41) added	Δ9835
(c)(40) added	Δ12166
(c)(25) deferral withdrawn	Δ15783
(c)(25) revised	Δ20588
(c)(35) added; eff. 7-13-82	Δ20771
(c)(42) added; eff. 7-12-82	Δ25145
(c)(43) added; eff. 7-29-82	Δ28098
52.1873 Amended; eff. 7-29-82	Δ28099
52.1875 (a) table footnote e corrected	43423
(a) table footnote f revised	49124
(a) table footnote f corrected	Δ27071
52.1878 (h) introductory text revised	55108
52.1880 (d)(1) revised	43423

Note: Symbol (Δ) refers to 1982 page numbers.

40 CFR—Continued

Chapter I—Continued

	46 (47Δ) FR Page
52.1881 (b)(35)(vi), (vii), (38)(iii) and (iv) confirmed; response to petitions for reconsideration	37642
(b)(39)(vi)(A) and (B) and (viii)(A) through (H) revised; (b)(39)(viii)(I) and (J) added	43046
(b)(52) revised	49125
(b)(35)(B)(vii) and (38)(iv) removed	62274
(a) deferral withdrawn; (a) introductory text and (6) revised	Δ15783
(a)(4) and (8) revised	Δ16786
(a)(4) and (8) amended	Δ20589
(b)(38)(x) correctly designated	Δ28373
(a)(4) and (4) amended; eff. 7-30-82	Δ28377
52.1882 (j) added	49125
52.1885 (b)(1) removed; eff. 7-29-82	Δ28099
(b)(5) and (6) correctly designated	Δ28373
52.1886 (b)(2) and (3) removed	57489
52.1887 (b)(3) removed	57490
52.1920 (c)(22) added	40006
(c)(19) and (20) added	Δ15797
Technical correction	Δ16324
(c)(18) added	Δ16330
(c)(17) added; eff. 7-13-82	Δ20772
(c)(15), (c)(21) and (22) correctly designated	Δ28373
52.1925 Table amended	Δ16330
52.1970 (c)(35) added	43143
(c)(36) added	54940
(c)(37) through (44) added	55104
(c)(45) through (48) added	Δ15587
52.1972 Corrected	Δ28373
52.1982 Revised	54940
52.1985 Revised	54940
(a) introductory text; (a)(2) and (3) added	Δ10534
52.2020 (c)(34) added	39823
(c)(35) added	41780
(c)(23) revised	43140
(c)(36) added	43424
(c)(38) added	45763
(c)(37) added	46134
(c)(4) revised	51611
(c)(39) added	55972
(c)(40) added	61268
(c)(42) added	62850
(c)(41) added	Δ8359
(c)(43) added	Δ16326

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued

(c)(45) correctly added; eff. 7-9-82 ....Δ25010, 28373
(c)(19) and (45) correctly designated Δ28373
52.2022 (d) revised 43141
52.2034 Table amended ... 43141, 43424, 61268
52.2037 (a)(1) removed; (a)(2) and (3) redesignated as (a)(1) and (2) and revised Δ8359
(a)(2) removed; eff. 7-9-82 .... Δ25010
52.2055 (a) and (b) removed 51742
(a) added Δ8359
52.2070—52.2085 (Subpart OO) State implementation plan documents availability 60204
52.2070 (c)(14) added 63043
(c)(15) added Δ17817
52.2120 (c)(14) added 35259
(c)(15) added 37048
(c)(16) added 40190
(c)(17) added 55099
(c)(19) added 55968
(c)(18) added 57488
(c)(20) added 58083
(c)(13) added 61270
Technical correction 62850
(c)(21) added Δ6018
52.2126 Removed 61270
Technical correction 62850
52.2131 (a) and (b) removed Δ6018
52.2170 (c)(8) added 54542
52.2172 Revised 54542
52.2175 Removed 54542
52.2220 (c)(30) amended; (c)(37) added 43970
(c)(38) added 56199
(c)(39) added 57488
(c)(40) added 58083
(c)(35) added 61121
(c)(43) added 61271
(c)(41) added; eff. 7-12-82 .... Δ20305
(c)(45) added Δ23162
(c)(42) added; eff. 8-9-82 .... Δ25013
(c)(46) added; eff. 8-20-82 .... Δ26622
(c)(33) revised; (c)(44) added; eff. 8-23-82 .... Δ27272
52.2225 (a) removed 43971
(d) added 57488
(c) removed 61271
52.2231 (a) and (b) removed Δ23162
52.2270 (c)(25) added 35643
(c)(26) added 43425
(c)(27) added 47545
(c)(28) added 55970

NOTE: Symbol (Δ) refers to 1982 page numbers.

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued

(c)(29) added 61125
(c)(33) added Δ3767
(c)(32) added Δ13143
(c)(31) added Δ17285
(c)(32) added Δ18857
(c)(30) added Δ21534
(c)(34) and (35) added; eff. 8-23-82 .... Δ27073
52.2275 (a)(1) and (2) removed 35643
(a)(3) and (4) removed; (a)(5) and (6) redesignated as (a)(1) and (2) 47545
(d) added Δ18858
(a)(1) and (2) removed; (b) through (d) redesignated as (a) through (c); eff. 7-13-82 .... Δ20770
52.2276 (b) and (c) added 43425
(a) revised 47545
52.2291* Correctly designated Δ28374
52.2299 Revised 35643
52.2320 (c)(9) added 61851
(c)(10) added Δ6428
(c)(12) added Δ23448
(c)(13) added; eff. 8-10-82 .... Δ25336
52.2324 Revised 61851
52.2327 Removed 61851
52.2328 Removed 61851
52.2330 Revised 61852
52.2334 Removed 61851
52.2346 Revised Δ6428
52.2370 (c)(14) added Δ950
(c)(15) added Δ6015
(c)(16) added Δ16332
Authority citation corrected 28374
52.2420 (c)(43) added 40004
(c)(41) added 41500
(c)(42) added 41781
(c)(44) and (45) added 43145
(c)(46) added 44187
(c)(50) added 49126
(c)(57) and (58) added 55101
(c)(56) added 55105
(c)(51) added 55973
(c)(47) added 57284
(c)(32) added 57491
(c)(52) through (55) added Δ2771
(c)(59) added Δ8010
(c)(61) added Δ8567
(c)(62) added Δ9837
(c)(70) added Δ14709
(c)(60) added Δ18860

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* Appears as § 52.2271 at 45 FR 52148, Aug. 6, 1980.

40 CFR—Continued

46 (47Δ) FR Page

Chapter I—Continued

(c)(64) through (69) added....... Δ19135

(c)(48) and (49) added............... Δ19525

52.2431 (e) removed....................... 57284

52.2435 (a), (b), (c), and (f) removed; (g) and (h) redesignated as (a) and (b)...................... Δ19525

52.2441—52.2447 Removed........ Δ19525

52.2451 (c) corrected.................. Δ28373

52.2470 (c)(29) added.................... 41054

(c)(16) through (24) revised; (c)(26) and (27) added.............. 45608

(c)(25) added................................. Δ7840

(c)(28) added............................... Δ12167

(c)(23) revised; (c)(30) and (31) added.. 16019

52.2473 Amended.......................... 45609

Corrected...................................... Δ7840

52.2479 (a)(1) through (6) removed; table added.................. 45609

Table note 4 added........................ 62065

(b) added.. Δ7840

Table corrected.......................... Δ12167

(a) introductory text revised; (a)(1) added; table amended... Δ16019

52.2484 Removed........................... 45610

52.2487 Removed........................... 45610

52.2488 Removed........................... 45610

52.2520 (c)(14) added.................... 43144

(c)(15) added................................. 53414

(c)(16) added................................. 57045

(c)(17) added............................... Δ11281

52.2530 Removed........................... 43144

52.2570 (c)(20) added.................... 41055

(c)(16) and (17) corrected........... 42269

(c)(21) added................................. 51606

(c)(22) and (23) added.................. 57896

(c)(24) added............................... Δ15784

(c)(25) and (26) added; eff. 7-16-82....................................... Δ21043

(c)(27) added; eff. 7-21-82........ Δ26623

52.2577 Amended.......................... 42270

Note: Symbol (Δ) refers to 1982 page numbers.

40 CFR—Continued

46 (47Δ) FR Page

52.2583 Revised............................. 42270

52.2620 (c)(13) added.................... Δ5893

52.2770 (c)(12) added.................... 44188

52.2773 Added................................ 61267

1982

(Regulations published July 1, 1982, and July 16, 1982)

40 CFR

47 FR Page

52.120 (c)(44)(i)(B) corrected...... 30972

52.220 (c)(47)(ii)(B); (50)(ix); (52) (xiii)(B), and (xv); (54) (i)(B), (iv)(B), and (v); (56)(ii); (58)(iv); (71) introductory text; (74); (77)(ii) introductory text and (ii)(B); (79)(iii); (82)(i); (85)(iii); (89)(ii); (91); (92)(ii); (95)(ii); (97); (103) (iv), and (v); and (109 through (111) added................................ 28620

52.222 (d)(3)(ii), (4)(ii) and (5) added... 28621

52.223 (b)(5)(viii) and (6)(ii) added... 28621

52.232 (a)(11) added...................... 28621

52.233 (b); (d)(4), (18), and (28); (e); (f)(1)(i)(*b*) and (*d*); and (g)(1)(iv), (xvi) and (xxvi) removed... 28621

52.237 (a)(3) through (5) added... 28621

52.238 Table amended................. 28622

52.246 (b)(1)(ii) added.................. 28622

52.252 (b)(1)(ii) added.................. 28622

52.253 Introductory text (b)(1) revised; (b)(1)(ii) and (iii), and (b)(3)(viii) added...................... 28622

52.254 (a)(1)(i) revised and (a)(3)(iv) added......................... 28622

52.255 Introductory text (b) revised; (b)(1)(i) and, (iv); (b)(2), and (b)(3) (ii) through (viii) removed; (b)(3) (x) through (xiii) added................ 28622

52.256 (b)(3) added......................... 28622

52.2270 (c)(40) added.................... 28624

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